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**Darren Townsend
Cooner & Associates**

Originator: Darren Townsend(ed.)
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Descripti on:

Abstract:

South Florida Water Management District
HE-853

Purpose

Purpose:

To establish NAVD 88 and NGVD 29 elevations on the well from nearby, existing benchmarks. Also, to establish an on-site benchmark.

Deliverables

Suppl emental_Inf ormati on:

ACCOMPANYING DIGITAL FILES
HE-853.GEN , CORPSMET95 FILE
HE-853.MET, CORPSMET95 FILE
HE-853-2005.DOC , BENCHMARK RECOVERY FORM
HE852-853.PDF , SCANNED COPIES OF
FIELD NOTES,
VERTCON CALCULATIONS (IF APPLICABLE)
HE-853.PPT , POWER POINT FILES OF WELL SITE
PICTURES
HE852-853.LST, LEAST SQUARES ADJUSTMENT

Time_Period_of_Content:

Time_Period_Inf ormati on:

Range_of_Dates/Times:

Survey Date

Beginning_Date: 20050817

Ending_Date: 20050830

Currentness_Reference: Publication Date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -081°14' 24. 22"

East_Bounding_Coordinate: -081°14' 24. 11"

North_Bounding_Coordinate: +26°36' 19. 41"

South_Bounding_Coordinate: +26°36' 19. 41"

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Record Survey

Theme_Keyword: Well Site

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: SFWMD WELL HE-853

Place_Keyword: SEC. 33, TWP 44 S, RGE 31 E

Place_Keyword: HENDRY COUNTY, FLORIDA

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Inf ormati on:

Elvie Ebanks

Contact_Person_Primary:

Contact_Person: Elvie Ebanks

SFWMD

Contact_Organization: South Florida Water Management

District

HE-853.met

Contact_Position: Professional Surveyor & Mapper

Contact_Address:

Address_Type: mailing and physical address

Address: 3301 Gun Club Road

City: West Palm Beach

State_or_Province: Florida

Postal_Code: 33406

Country: USA

Contact_Voice_Telephone: (561) 753-2400, Ext. 4717

Contact_Electronic_Mail_Address: eebanks@sfwmd.gov

Hours_of_Service: 8:00 am to 5:00 pm EST

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Equipment Used

The horizontal location of the wells and benchmark was performed using differentially corrected TRIMBLE GPS PATHFINDER PRO XR receiver. The vertical data was collected using a LEICA NA3003 electronic digital level. Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/99. Elevations are based on NAVD 88.

Logical_Consistency_Report:

Horizontal data was established using differentially corrected GPS signals from U.S. Coast Guard Beacon at Eggmont Key. Vertical data was established using existing NGS benchmarks W519 AND N530.

Completeness_Report:

Project Results

WELL SITE

Horizontal location taken at center of pipe for well.

Lat. +26°36' 19.41"

Long. -081°14' 24.11"

N 825806.50 feet

E 577736.75 feet

Elevation taken on top of pipe for well (cap taken off) at blue paint mark on west side of rim

31.13 feet (NAVD 88)

32.41 feet (NGVD 29) calculated using 1.28 feet offset value based on NGS NGVD 29 adjustment of CERP vertical network for control point W519.

32.47 feet (NGVD 29) calculated using 1.34 feet offset value based on NGS NGVD 29 adjustment of CERP vertical network for control point N530.

NEW SITE BENCHMARK

HE-853 is a standard SFWMD brass disk set in top of a class "C" concrete monument, flush with the ground. A magnet was set on the south side of the monument.

From the intersection of S.R. 29 and C.R. 832 go east 12.4 miles on C.R. 832 to the mark on the left. The mark is 41.31 feet north of centerline C.R. 832. 103.10 feet west of a wood power pole and 8.36 feet south of 5-strand barbed wire fence.

Lat. +26°36' 19.41"

Long. -081°14' 24.22"

N 825806.28 feet

E 577727.17 feet

28.65 feet (NAVD 88)

29.93 feet (NGVD 29) calculated using 1.28 feet offset value based on NGS NGVD 29 adjustment of CERP vertical network for control point W519.

29.99 feet (NGVD 29) calculated using 1.34 feet offset value based on NGS NGVD 29 adjustment of CERP vertical network for control point N530.

HE-853.met

Positional_Accuracy:

Horizontal

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

benchmark

The horizontal positions of the well and set

signals

were established with differentially corrected GPS

from U. S. Coast Guard Beacon at Eggmont Key.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: sub meter

Horizontal_Positional_Accuracy_Explanation: The

intended positional accuracy for this survey is sub meter.

Vertical_Positional_Accuracy:

Level Line

Vertical_Positional_Accuracy_Report:

W519

A level line was run originating on NGS benchmark

with an NAVD 88 elevation running through new site benchmarks HE-852 and HE 853 then terminating on NGS benchmark N530 in accordance with Florida Minimum Technical Standards (Chapter 61G17-6). The pipe for

the

well site was then elevated by a level line

originating on

new site benchmark HE-853 with an newly established NAVD 88 elevation running through the top of pipe

and

terminating on new site benchmark HE-853 in

accordance

with Florida Minimum Technical Standards (Chapter 61G17-6).

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.091 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88

level run to set BM, 0.091 ft closure in 111578.6 ft, max. allowed 0.138 ft (MTS)

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.000 ft

Vertical_Positional_Accuracy_Explanation: NAVD 88

level run from set BM to well

lineage:

Process_Step:

Process_Description:

GPS

The horizontal work was performed using a Trimble

Pathfinder Pro XR receiver using U. S. Coast Guard beacon at Eggmont Key. The level line was performed using a LEICA NA3003 electronic digital level.

Process_Date: 20060131

Metadata_Reference_Information:

Metadata_Date: 20060130

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Darren Townsend

Contact_Organization: Cooner & Associates, Inc.

Contact_Position: Project Surveyor

Contact_Address:

Address_Type: mailing and physical address

Address: 5670 Zip Drive

City: Fort Myers

State_or_Province: Florida

Postal_Code: 33905

Country: USA

Contact_Voice_Telephone: (239) 277-0722

HE-853.met

Contact_Facsimile_Telephone: (239) 277-7179

Contact_Electronic_Mail_Address: darrent@cooner.com

Hours_of_Service: 8:00 am to 5:00 pm EST

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial

Metadata

Metadata_Standard_Version: 19980601

HE -853



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
 - View: Looking North at BM

HE -853



- COONER & ASSOCIATES, INC.
- Date of photo: September 21, 2005
- View: Looking top view of BM 853

HE -853



- COONER & ASSOCIATES, INC.
- Date of photo: September 21, 2005
- View: Looking at Elevation mark on well

HE -853



- COONER & ASSOCIATES, INC.
- Date of photo: September 1, 2005
 - View: Looking North at well

020801.06

HENRY CO. WELLS

2668

HE-852 + BSS LEVEL RUN

PT	BS	HI	FS	FL	430 EL NAVD 88
500	7.4422'	34.1222' 31.4622		27.02	
1	4.5393'	34.3085' 31.4622	4.3532'	29.7040	
2	4.6061'	34.8568' 35.1969	4.0575'	30.2508' 30.5908	
3	5.7636'	36.1135' 36.4535	4.5070'	30.3499' 30.6899	
4	4.7795'	34.7747' 35.1147	6.1183'	29.9952' 30.3352	
5	5.0815'	34.7847' 35.1247	5.0715'	29.7032' 30.0432	
6	5.0137'	35.1968' 35.4868	4.6516'	30.1331' 30.4731	
7	6.1113'	35.8417' 36.1817	5.4164'	29.7304' 30.0704	
8	5.5350'	35.2627' 35.6027	6.1140'	29.7277' 30.0677	
9	5.9150'	35.8613' 36.2013	5.5164'	29.9465' 30.2865	
10	5.9317'	35.6614' 36.0014	6.1316'	29.7297' 30.0697	

C. COLLINS X, M

D. BROWN Y

LEICA NA 3003 CARD # FB99

PG 50

8-17-05

DESC

FOUND STAINLESS STEEL ROD IN PUC PIPE 1/4" S LOG CAP
WS 1A FOUND IN GOOD CONDITION USING UGS DATA SHEET
T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

020801.cw

HENDRY CO. WELLS

PT.	RS	CONT. D'		EL	ADJ. EL
		HI	FS		
		35.6614 35.0014		29.3620	
11	5.9343	35.2965 35.1273	6.2994'	29.7070	
12	5.7712'	35.8020 35.9226	5.4855'	29.8108 30.1500	
13	5.3552'	35.2106 35.5500	5.7246'	29.8554 30.1909	
14	6.1272'	35.4707 35.8107	5.8671'	29.3435 29.6033	
15	5.5750'	35.2420 35.5828	5.8029'	29.6670 30.0070	
16	5.7001'	35.5035 35.8433	5.4396'	29.8052 30.1432	
17	5.4219'	35.4817 35.8217	5.4435'	30.0598 30.3998	
18	5.2158'	35.7370 30.0770	4.9597'	30.5220 30.0620	
19	5.2167'	35.4515 35.7915	5.5030'	30.2548 30.5748	
20	6.3104'	36.2220 36.5620	5.5389'	29.9126 30.2526	
21	5.3958'		6.3204'	29.9626 30.2426	

C COLW T, W

D. R. 1912

LEWIS MA 3003 CARD #2 FB 99

76 51

8-17-05

DESC

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

020801.06		HENDAY CO. WELLS			
PT	BS	HT	FS	FL	ASDEL
		35.2884 35.6084		29.7074	
22	4.9620'	34.6094 35.6094	5.5910'	30.0479	
23	5.4937'	34.9496 35.2896	5.2135'	29.4559	
24	5.8233'	35.3927 35.7327	5.3802'	29.5691	
25	6.1391'	35.8225 36.1625	5.7093'	29.6834	
26	5.1585'	34.9509 35.2909	6.0301'	29.7924	
27	5.9027'	35.3689 35.7089	5.4847'	29.4662	
28	5.1169'	35.1625 35.5025	5.3233'	30.0456	
29	5.1768'	34.9187 35.2587	5.4206'	29.7419	
501			5.6677'	29.2510	29.26'
31					
32					

C. COLMAN K, M
D. BRADY P

LEICA NA 3003 CARBZ FB99

PG 52

8-17-05

DESC
T/P 60D
T/P 60D
T/P 60D
T/P 60D
T/P 60D
T/P 60D
T/P 60D
T/P 60D
T/P 60D
SET 3/8" IRON ROD + CAP CONT. PT. LB 6775"

020801.01

HEUDRY CO, WELLS

CONT. D

PT	BS	HT	FS	EL	ADJ EL
501	5.8834'	35.1344 35.4744		29.2510 29.5910	29.26'
31	5.7357'	35.8849 35.2249	4.9852'	30.1992 30.4892	
32	5.0949'	35.4097 35.7497 35.3697	5.5701'	30.3148 30.6548	
33	4.9973'	35.3193 35.6593	5.0877'	30.3220 30.6620	
34	5.5725'	35.3193 35.6593 35.7436 35.0836	5.1482'	30.1711 30.5111	
35	4.8409'	35.3442 35.6842	5.2403'	30.5033 30.8433	
36	5.3412'	35.4032 35.7432	5.2822'	30.0620 30.4020	
37	4.4405'	35.3810 35.7210	4.4621'	30.9411 31.2811	
38	4.5645'	35.0847 35.4247	4.8614'	30.3202 30.6602	
39	4.7979'	34.6696 35.0096	5.2130'	29.8717 30.2117	
40	4.9972'	34.1627 34.5027	5.4491'	29.2205 29.5605	

COLLINS T, D
T. STOCKHILL P

LEICA NA 3003

CARD #2

FB 99

PG 53

8-18-05

DESC

3/8" IRON ROD +CAP 'CONT. PT. LB 6773'

T/P

60 D NAIL

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

020801.00

HENDRY CORWELLS

CONT'D

PT	BS	HI	FB	EL	ADDEL
		34.2770 34.6770		29.4340	
S2	5.0477'	34.4817 34.8217	4.8430'	29.7740	
S3	4.9000'	34.5788 34.7188	5.0029'	29.4788 29.8188	
S4	5.1691'	34.3403 34.6803	5.2076'	29.1712 29.5112	
S5	5.0292'	34.4043 34.7443	4.9652'	29.3751 29.7151	
502			5.4915'	28.9120 29.2520	28.94'

~~57~~~~58~~~~59~~~~60~~~~61~~~~62~~C. COLLINS T. W.
T. S. 2024 7

LEICA NA 3003 CARO #2 FB 99

PG 55

8-18-05

DESS

T/P 60D

T/P 60D

T/P 60D

T/P 60D

SET ^{5/8"} IRON ROD + CAP "CONT. PT.
LB 6773"

020801.06

HENDRY CO, WELLS

PT	BS	HI	FS	FL	13.2L
502	5.4540	34.3068 34.7068		29.9128 29.2528	28.94'
57	5.1729	34.7314 35.6714	4.8083	29.5585 29.8985	
58	4.9896	34.6788 35.0188	5.0422	29.6892 35.0292	
59	5.6293	34.2654 34.6054	6.0427	29.6361 29.9761	
60	5.6337	34.5445 34.8845	5.3546	28.9108 29.2508	
61	4.7756	35.6225 33.9625	5.6976	28.8469 29.1869	
62	4.9103	33.9640 34.3040	4.5688	29.0587 29.3987	
63	4.6480	34.2127 34.5527	4.3993	29.8647 29.9047	
64	5.2629	34.0500 34.3900	5.4256	28.7871 29.1271	
65	5.1765 5.7	34.9357 35.2757	4.2928	29.7872 30.0972	
66	4.7306		4.7249	30.3088 30.5488	

HE- 852, 853 LEVEL RUN CONT'D

C. COLLINS T, M
T. STOCKHILL P

LEICA NA 3003 CARD #2

FB 99

PG 56

8-19-05

DESK

5/8" IRON ROD W/ CAP "CONT. PT. 48.6773"

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

02080106

HENRY CO: WELLS

C. COLLINS T, M
T. STOCKSTILL P

LENA WA 3003 CARD 2

FB 99

R557

8-19-05

HE-852, 853 LEVEL RUN CONT'D

PT.	BS	HT	FS	CL	ADJ EL
		34.9891 35.2741			
67	3.0824	34.5061 34.8461	5.5157		29.4237 29.7087
68	4.9287	34.6881 34.9787	4.7761		29.7300 30.0700
503	5.1403	34.6309 34.9709	5.1681		29.4906 29.8306 29.52'
70	4.8674	34.8085 34.8485	4.9898		29.6411 29.9011
71	5.0380	34.7671 35.1071	4.7794		29.7291 30.0691
72	4.7017	34.6415 34.9815	4.8273		29.9390 30.2790
73	5.1786	35.2111 35.5511	4.6060		30.0355 30.3755
74	5.1916	35.0287 35.3687	5.3740		29.8371 30.1771
75	5.0387	34.7428 35.0828	5.3246		29.7041 30.0441
76	4.7860	34.6050 34.9450	4.9238		29.8190 30.1590
77	4.6857		5.3362		29.2688 29.6088

DESC

T/P 60 D

T/P 60 D

FOUND
12" CONC. MON. / W/ALUM. DISC SEUMD HE-852 2005

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

020801.06

HENRY CO. WELLS

HE-852, 853 LEVEL RUN CONT'D

PT	BS	HT	FS	EL	ASDEL
		33.9545 34.2945		29.6659	
78	4.9467	34.6126 34.9526	4.2886	30.0059	
79	4.4839	34.0874 34.1274	5.0091	29.6035 29.9435	
504	57		4.7533	29.6771	29.36'

C. COLLINS T. D
T. STOCKSTILL Y

LEICA NA-3008 CARD #2 FB 99

76 58

8-19-05

DESC

T/P 60 D^F

T/P 60 D

SET 5/8" IRON ROD & CAP CONT. PT. LB 6773'

0250106

HENRY CO. WELLS

HE-85Z, 853 LEVEL RUN CONT. D

PT.	BS	HI	FS	EL	ADD EL
504	4.7444	34.1285 34.1188		29.3341 29.1744	29.36'
81	6.0752	34.4273 34.7673	5.7764	28.3521 28.6921	
82	6.0844	34.6542 34.9942	5.8075	28.6198 28.9598	
83	6.1286	34.8189 35.1589	5.9669	28.6873 29.0273	
84	6.5618	35.3131 35.6531	6.0646	28.7513 29.0913	
85	6.4281	35.6095 35.9495	6.1317	29.1814 29.5214	
86	6.0926	35.1474 35.4874	6.5547	29.0548 29.3948	
87	5.9976	35.8080 36.1480	5.3370	29.8104 30.1504	
88	5.9350	35.7847 36.1247	5.9503	29.8497 30.1897	
89	6.0822	35.692 36.032	6.1737	29.6110 29.9510	
90	6.7656		6.5659	29.1273 29.4673	

C. COLLINS T, W
D. BROWN P

LECA NA 3003 CARD#2

FB 99

PG 59

8-22-05

DESC

5/8" IRON ROD CAP (CONT. PT. LB 6773)

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

020801.00

HENDRY CO. WELLS

PT	BS	HT	FS	EL	ASD EL
		35,8929 36,2327			
91	6.6189	35,8201 36,1601	6.6117	29,2012 29,5412	
92	5.4242	34,4988 35,0388	6.5455	29,2746 29,6146	
93	5.1675	34,6595 34,8995	5.3068	29,3920 29,7320	
94	5.7877	35,3589 35,6989	4.9883	29,5712 29,9112	
95	4.7835	35,6130 35,9530	4.5294	30,8295 31,1695	
96	6.0991	35,9130 36,2530	5.7971	29,8139 30,1539	
97	5.7672	35,3558 35,6958	6.3264	29,5886 29,9286	
98	5.3755	35,2633 35,6033	5.4680	29,8878 30,2278	
99	4.2782	34,4585 34,7985	4.8830	30,7803 30,7202	
100	5.1041	34,6891 35,0291	5.0755	29,5830 29,9230	
101	5.5008		5.4570	29,2321 29,5721	

HE-BSZ, BS3 LEVEL RUN CONT'D

C. COLLINS T, W
D. BROWN P

LEICA NA-5003 CARD#2 FB99

PG 60

B-2205

DESC

~~TOP TIP LOD~~

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

020801100

HEUDRY CON. WELLS

PT	BS	HI	FS	EL	ADD. EL
		34.7327 35.0729			
102	5.1638'	34.7326 35.0730	5.1611	29.5710 29.9110	
103	5.1828'	34.9947 35.3349	4.9237	29.8119 30.1519	
104	5.1735'	34.9202 35.2602	5.2480	29.7467 30.0867	
105	5.3695'	35.0522 35.3922	5.2575	29.6627 30.0027	
106	4.4411	34.9643 35.3043	4.5090	30.5232 30.8632	
505			5.3470	29.5273 29.8573 29.6173	29.66'

C. COLLINS T, M
D. BROWN P

LEICA NA 3003 CARD 2

FB99

PG 61

8-22-05

DESC

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

SET 5/8" IRON ROD & CAP "CONT. PT. 486773"

020801.06

HENRY CO. WELLS

HE 852, 853 LEVEL RUN CONT'D

PT	BS	HI	FS	EL	ADDEL
505	5.9350'	35.5525 35.8725		29.6173 29.9573	29.66'
108	5.7156'	35.7215 36.0015	5.8164	30.0059 30.3159	
109	6.0336'	35.4859 35.8259	6.2692	29.4523 29.7923	
110	5.5141'	34.9655 35.3055	6.0345	29.4514 29.7914	
111	5.0927'	35.3983 35.7383	4.6599	30.3056 30.6456	
112	5.8019'	35.4489 35.7889	5.7513	29.6470 29.9870	
113	5.7362'	35.7528 36.0928	5.4523	29.9966 30.3366	
114	6.1083'	35.7918 36.1318	6.0493	29.6835 30.0235	
115	5.8495'	35.6345 35.9745	6.0068	30.1250 30.4650	
116	5.8173'	35.5057 35.8457	5.9461	29.6804 30.0204	
117	6.0887'		6.2563	29.2494 29.5894	

O.C. COLLINS T.M.

D. BROWN P

LEICA NA 3003 CARDS

FB 99

KG 6Z

8-23-05

ACSC

5/8" IRON ROD + CAP "CONT. PT. LB. 4775"

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

T/P 60 D

PT	BS	HI	FS	EL	ADJ EL
	6.0093	35.8381 35.6781		29.4598	
118	6.0093	35.4691 35.2091	5.8783	29.7998	
119	6.0497	35.9157 35.7557	5.7031	29.7160 29.1060	
120	6.3147	35.6983 35.5383	6.4821	29.5336 29.6736	
121	5.1926	34.0032 34.3432	6.8107	28.8076 29.1476	
122	4.9746	35.2936 35.1336	5.1842	28.3190 28.6590	
123	4.4547	35.0208 35.3608	4.7275	28.5661 28.9061	
124	5.1524	35.3751 35.7151	4.7995	28.2213 28.5613	
125	3.3527	34.0628 34.4028	4.16636	28.7101 29.0501	
126	5.1997	35.5966 35.9366	5.6719	28.3909 28.7309	
127	5.3616	35.6383 35.9783	5.3169	28.2737 28.6137	
128	4.7103		5.3090	28.3243 28.6643	

C. COLLINS X.M
D. B. ...

LEICA NA 3003 CARP #2 FB 99

PC 63
8-23-05

DGC

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

T/P LOD

02080106 HENRY CO. WELLS

C. COLLINS T, M
D. BROWN P
LENA WA 3005 CARD # FB 99

PG 64
8-2305

HE-852, 853 LEVY RUN CONT. D

PT	BS	HI	FS	EL	ADD. EL.	DESC.
		33,0866 33,3760		28,0146		
129	5.1023		5.0220	28,3546		T/P 60D
		33,1169 33,4569		28,7372		
506	4.2532		4.3797	29,0272	28.79	SET 3/8" IRON ROD + CAP CONT. PT. LIBERTY
		32,9904 33,3304		28,4728		
131	4.5724		4.5176	28,8128		T/P 60D
		35,0452 33,3852		28,5474		
132	4.7819		4.4978	28,8874		T/P 60D
		33,3293 33,6693		28,0396		
133	4.9526		5.2897	28,3796		T/P 60D
		32,9722 33,3122		28,2800		
134	4.7189		4.6922	28,6700		T/P 60D
		32,9989 33,3389		28,2163		
135	5.6780		4.7826	28,5563		T/P 60D
		33,8943 34,2343		28,4835		
136	5.2752		5.4108	28,8235		T/P 60D
		33,7587 34,0987		28,4294		
137	4.9876		5.3293	28,7694		T/P 60D
		33,4170 33,7570		28,5579		
138	6.4758		4.8591	28,8779		T/P 60D
		35,0337 35,3737 35,7137		28,5915		
507			6.4424	28,7575	28.65	END 12" CONC. MON. W/ 4" BRASS ALUMINUM SPIND HE-853 2005

020801.00

HENDRY CO. WELLS

C. COLLETT
D. BROWN
LEVEL POINTS CARD #

FB99

PG 65

8-24-05

HE-852, 853 LEVEL RUN CONT'D

PT.	BS	HI	FS	FL	ADJ EL
507	5.3874	33.9787 34.3187		28.5975 28.9317	28.65'
140	4.8939	33.7844 34.1244	5.0882	28.8905 29.2305	
141	5.5325	33.8444 34.1844	5.2613	28.5231 28.8631	
142	4.8459	33.9993 34.3393	4.6910	29.1534 29.4934	
143	5.5882	33.9561 34.2961	5.6314	28.3679 28.7079	
144	4.1667	33.2975 33.6375	4.8253	29.1308 29.4708	
145	4.6450	33.4716 33.8116	4.4709	28.8261 29.1661	
146	4.8881	33.7757 34.1157	4.5840	28.8876 29.2276	
147	4.9586	33.6765 34.0165	5.0578	28.7179 29.0579	
148	5.1872	33.7257 34.0657	5.1380	28.5385 28.8785	
149	5.4763		5.4759	28.2498 28.5898	

DESC.

12" CORR. MON. #2.4" BARS DISC. SFUMD HE-853 2005

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

TIP LOD

02080126

HENRY CO. WELLS

NE-852, 853 LEVEL RUN CONT'D

PT	BS	HT	FS	EL	ADD EL
		33.211 34.011			
150	5.1506	33.8896 34.1996	5.0171	28.7090 29.0190	
151	5.0057	34.7160 35.0260	4.443	29.7103 30.0203	
152	4.8132	34.8881 34.9201	4.9411	29.7749 30.1149	
153	4.2396	34.1282 34.4682 34.4687	4.6995	29.8890 30.2290	
154	4.9894	34.7120 35.0520	4.4086	29.7226 30.0626	
155	4.6298	34.5586 34.8986	4.9832	29.7288 30.0688	
508	5.0062	34.7426 35.0826	4.6222	29.7364 30.0764	29.80'
157	4.9400	34.9200 35.2600	4.7626	29.9800 30.3200	
158	5.2201	34.7341 35.0741	5.1106	29.8140 29.8540	
159	4.5563	34.6326 34.9726	5.0378	29.6763 30.0163	
160	5.0402		4.4824	29.5802 29.8902	

C.C. COLLETT, JR., M

D.R. COLLETT, P

LEICA NA 3005 CARBZ FB 99

PG 66

8-24-05

DESC

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

SET 5/8" IRON ROD + CAP CONT. FT. LB 6773

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

020801606

HENRY CO. WELLS

HG-852, 853 LEVEL RUN CONT'D

PT	BS	HT	FS	EL	ASD EL
		34.8704 34.9304			
161	4.9446	34.6862 35.0262 35	4.8488	29.7416 32.0816	
162	4.9188	34.4799 34.6111	5.1251	29.5611 29.9011	
163	4.7095	34.5555 34.6555	4.8741	29.6058 29.7458	
164	5.1504	34.6392 34.9792	4.8825	29.4028 29.8228	
165	4.5077	34.2936 34.6336	4.8533	29.7839 30.1239	
166	5.0844	34.4341 34.7741	4.9139	29.5797 29.7197	
167	5.5535	35.8402 36.1802	4.4174	30.2867 30.6267	
168	5.6907	34.1688 34.5088	7.3651	28.4751 28.8151	
169	5.4965	34.3101 34.6501	5.3522	28.8136 29.1536	
170	5.1554	34.4823 34.8223	4.9832	29.3269 29.6669	
509			4.9643	29.5180 29.8580	29.58

C. COLLINS
D.B. BROWN
LE10 WA 3003 CART#2

FB 99

PG 67

8-24-05

DESC

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

SET 5/8" IRON ROD IN CAR "CONT. PT. LB 6773"

PT	BS	HI	FS	EL	ASD EL
509	4.9158	34.5139 34.8539		29.5180 29.8580	29.58'
172	4.6157 4.8157	34.0969 34.4369	5.0527	29.4812 29.8212	
173	5.4094	34.6005 34.9405	4.9258	29.1911 29.5311	
174	4.4600	35.9287 34.2687	5.1318	29.4687 29.8087	
175	5.2018	34.4602 34.8002	4.6703	29.2594 29.5994	
176	4.8467	34.2845 34.6245	5.0218	29.4384 29.7784	
177	5.2625	34.3528 34.6928	5.1942	29.0903 29.4303	
178	5.1101	34.1383 34.4783	5.3246	29.0282 29.3682	
179	5.0212	33.9352 34.2752	5.2243	28.9140 29.2540	
180	5.0986	34.1242 34.4642	4.9096	29.0286 29.3686	
181	5.0385		4.4419	29.6823 30.0223	

C. CLOWIN T.
D. BROWN P

LEICA NA 3003 CARD#

FB99

PG 103

8-25-05

DESC.

5/8" IRON ROD IN CAP "CONT. PT. 486773"

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

T/P GOOD

02080106

HENRY CONULS

HE-852, 853 LEVEL RUN CONT'D.

PT	BS	HI	FS	EL	ADJ EL
		34.7208 35.0608		29.9157	
182	5.3990	35.3127 35.6527	4.8071	30.2537	
183	4.6606	34.7866 35.1266	5.1867	30.1260 30.4660	
184	4.6214	34.4628 34.8028	4.9452	29.8414 30.1814	
185	3.9386	35.4180 35.7580	4.9834	29.4794 29.8194	
186	4.8244	32.6598 32.9998	5.6026	27.8154 28.1554	
187	4.9036	32.6829 33.0229	4.8605	27.7793 28.1193	
188	4.9956	32.5545 32.8945	5.1240	27.5589 27.8989	
189	4.9681	32.4389 32.7789	5.0867	27.4678 27.8078	
190 TS	3.1397	32.6404 32.9804	4.9852	27.4807 27.8207	
191	5.0036	32.7054 33.0454	4.9386	27.7018 28.0418	
192	5.4763		5.1668	27.5386 27.8786	

C. COLLIN T M
D. BROWN P

LEICA NA-3003 CHART

FB99

PG 69

8-25-05

DESC

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

020801.00 HENDRY CO. WELLS					
HG-852, 853 LEVEL RUN CONT'D					
PT.	BS	HI	FS	EL	ASD. EL.
		33.0149 33.3577			
193	5.2257	32.9044 33.2444	5.3302	27.6787 28.0187	
194	5.0509'	32.9445 33.2843	5.0108	27.8936 28.2336	
195	4.8739'	32.9775 33.3195	4.8309	28.1056 28.4456	
196	5.0661	32.9399 33.2799	5.1057	27.8738 28.2138	
197	4.9950	32.9650 33.3050	4.9693	27.9706 28.3106	
198	4.9087	32.7809 33.1209	5.0934	27.8722 28.2122	
199	4.7150	32.7472 33.0872	4.7487	28.0522 28.3922	
200	4.7399	32.6165 32.9565	4.8706	27.8706 28.2106	
510			4.8047	27.8118 28.1518 27.8110	27.89
208					

C. COLLINS T.M.
D. BROWN P

LEICA NA 8003 CARBZ

FB 99

PG 76

8-23-05

DESC.

T/P 600

T/P 600

T/P 600

T/P 600

T/P 600

T/P 600

T/P 600

T/P 600

SET 5" IRON ROD CAP "CONT. PT. LB 6773"

020801.00

HENDRY CO., W.VA.

PT	BS	HI	FS	EL	ADJ EL
510	4.9663	32.7781 33.1181		27.8118 27.891	27.891
202 (1)	5.2973	33.0621 33.4021	5.0133	27.7648 28.1248	
203 (2)	4.9313	33.0679 33.4079	4.9253	28.1366 28.4766	
204 (3)	4.9499	33.0060 33.3460	5.0118	28.0561 28.3961	
205 (4)	4.8968	33.0715 33.4115	4.8313	28.1747 28.5147	
206 (5)	4.8086	32.8542 33.1942	5.0259	28.0456 28.3856	
207 (6)	5.1335	33.0015 33.3415	4.9862	27.8680 28.2080	
208 (7)	4.7793	32.7820 33.1220	4.9980	28.0027 28.3427	
209 (8)	4.7217	32.7077 33.0477	4.7960	28.2796 28.6196	
210 (9)	4.8579	32.7953 33.1353	4.7703	27.9374 28.2774	
211 (10)	4.8253 4.7858		4.6574	28.1379 28.4779	

C. COLLINS, T M
D. BROWN, F

LEICA MTS 3003 CARB #2 B99

PG 71

8-29-05

DESC

5/8" IRON ROD - 1 CAP "CONT. PT. LB 6773"

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

T/P 60D

020801.00		HENDRY CO. WELLS			
PT.	BS	HT	FS	EL	ASDEL
		33.3032 32.9637 32.9632		28.2692	
Z12 (11)	4.942'	33.2054 33.5134	4.7540'	28.5492	
Z13 (12)	5.0595'	33.1509 33.4909	5.1120'	28.0914 28.4314	
Z14 (13)	4.6400'	32.2472 31.9072	5.5517'	27.5992 27.9392	
Z15 (14)	6.4466'		6.1824'	26.0648 26.4048 26.4039 26.4059	26.15' (POSTED) NAVA88
511		32.8114 32.8514		(26.15) (POSTED)	
Z16 (15)	4.2953'	33.0381 33.3781	3.7606'	28.7428 29.0828	
Z17 (16)	4.7538'	33.4619 33.7419	4.3900'	28.6481 28.9881	
Z18 (17)	4.6430'	33.2480 33.5280	4.7919'	28.6080 28.9480	
Z19 (18)	4.6553'	33.3150 33.6550	4.5883'	28.6597 28.9997	
Z20 (19)	4.7565'	33.3200 33.6600	4.7515'	28.8635 28.9835	
Z21 (20)	4.8736'		4.6822'	28.6578 28.9778	

C. COLLINS T, M
D. BROWN P

LEICA NA 3003 CARD# FR 99

PG 72

8-29-05

DESC
60 TIP LOD
TIP LOD
TIP LOD
FOUND CONC. MON. / W 4" BRASS DISC P530 ZOO
FOUND IN GOOD CONDITION USING NGS DATA SHEET
TIP LOD
TIP LOD
TIP LOD
TIP LOD
TIP LOD

020801.00

HENRY CO. WELLS

PT	BS	HT	FS	EL	ASDC
		33.5114 33.5114			
222 (21)	5.0475	33.4189 33.7389	5.1400	28.3714 28.7114	
223 (22)	4.6559	33.1358 33.4758	4.9370	28.4799 28.8199	
224 (23)	5.9916	33.4476 33.7876	5.1798	27.4560 27.7960	
225 (24)	4.5419	33.1649 33.5049	4.8246	28.6230 28.9630	
226 (25)	4.6296	33.2350 33.5750	4.5589	28.6060 28.9460	
227 (26)	4.5333	33.2020 33.5420	4.5669	28.6087 28.9487	
228 (27)	3.9252	31.8049 32.1449	5.7223	27.9797 28.3197	
229 (28)			6.9762	24.8287 25.1687	24.92'
512				25.1080 24.92 POSTED	NAVD 88

MISCLASURE = -0.0913'

TOTAL DIST = 111,578.6

C. COLLINS T M

D. BROOK F

LEICA NA2003 CAR#2

FR99

PG 73

8-29-05

DESC.
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
T/P LOD
STAINLESS STEEL
FOUND IRON ROD W/ 6" PVC PIPE 1/2 LOGO CAP
"N 530 2001 CERP"
ALLOWABLE = 0.037 $\sqrt{\frac{111,578.6}{5280}}$
= 1/2 0.1379'

020001.00
~~020001~~

HENDRY CO. WELLS

HE-852 WELL ELEVATION				
BS	HI	FS	EI	DESC
5.0497'	34.5697'		29.52'	12" CONC. MON.
	34.8777'		29.8700'	HE-852 2005
2.8520'	34.4504'	2.9713'	31.5984'	HE-852 WEBSITE
	34.7004'		31.9004'	NW RIM FORM TOP
		4.9300'	29.520'	12" CONC. MON.
			29.8504'	HE-852 2005

MISCLOSURE = 0.00'

SUB METER GPS POSITIONS

FILE NAME: HENDRY CO 8-31-05

(U.S. STATE PLANE 1983, FL EAST ZONE)

HE-852 BM N- 822613.18'

E- 546746.22'

HE-852 WELL N- 822616.13'

E- 546740.44'

* NOTE: SPWD = SET PK NAILS DISC "CONT. PT. LB 6723"

C. COLLINS
 D. BROWN

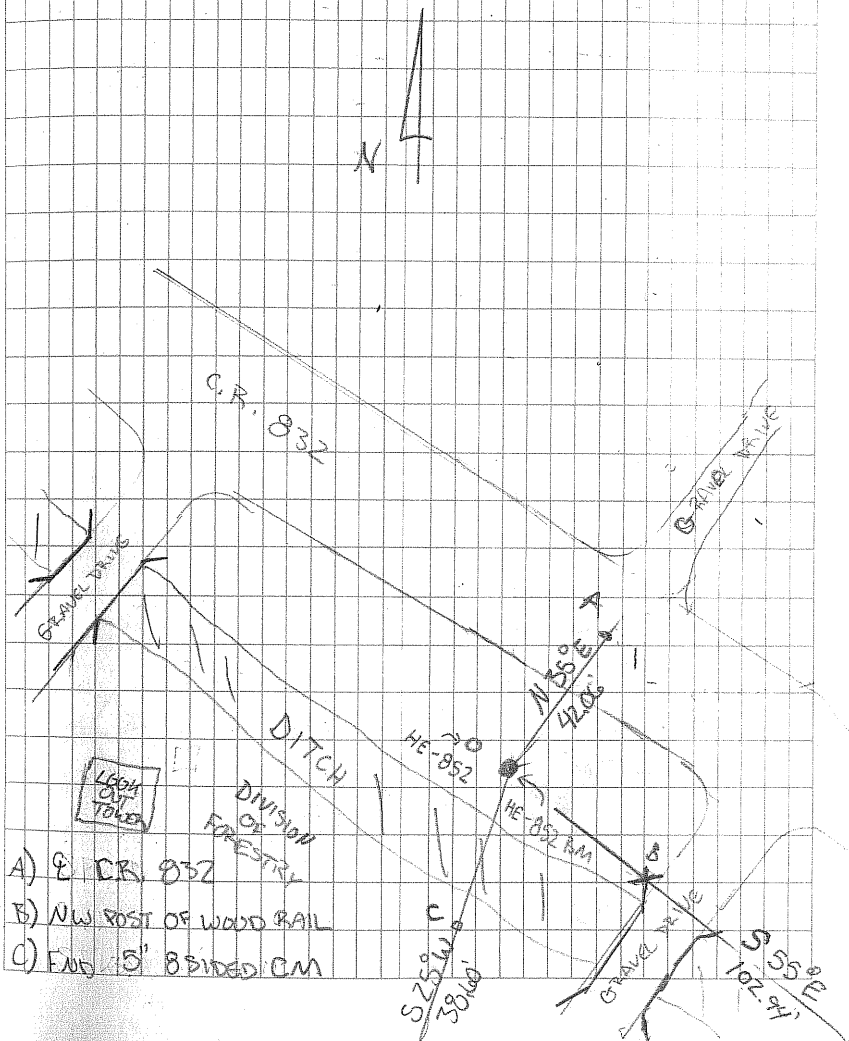
LEICA NA 3003 CARDZ

FB 99

DG 74

8-30-05

HE-852 WEBSITE + BM



- A) E CR 852
- B) NW POST OF WOOD RAIL
- C) END 5' BIVIDED CM

020801.00

HENDRY CO. WELLS

HE-853 WELL ELEVATION

BS	HI	FS	EL	DESL
5.9855	34.6355'		28.65'	12" CONC. MON "HE-853 2005"
	34.9165		28.931	
3.3651	34.4953	13.5053	31.1302'	HE-853 WELL SITE TOP WEST RM
	34.7765		31.412	
	9.8450		28.6503'	12" CONC. MON "HE-853 2005"
			28.9313	

MISCLOSURE = 0.0003'
NO ADJUSTMENT MADE

SUB METER GPS POSITION

FILE NAME: HENDRY CO 8-31-05

(U.S. STATE PLANE 1983, FL EAST ZONE)

HE-⁸⁵³~~852~~ BM N-825806.28'

E-577727.17'

HE-853 WELL N-825806.50'

E-577736.75'

C. COLLINS
D. BROWN

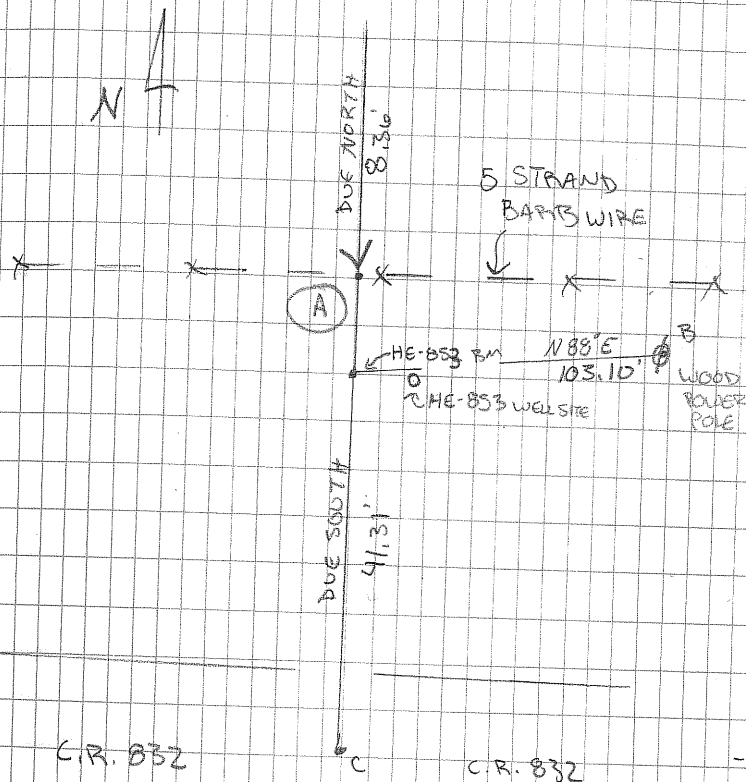
LEICA NA3003 CARBZ

FB99

PG 75

8-30-05

HE-853 WELL SITE AND BM

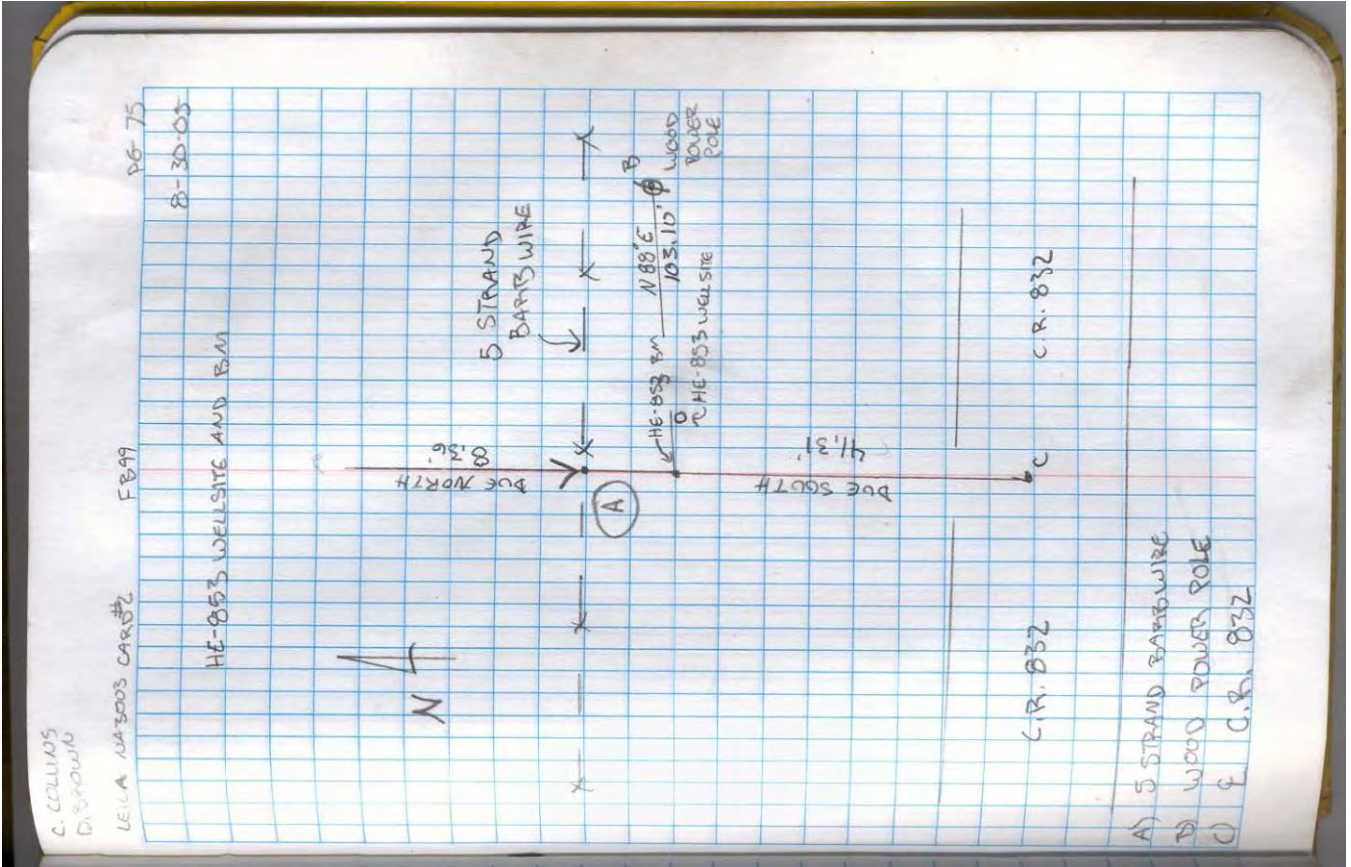


- A) 5 STRAND BARRIOWIRE
B) WOOD POWER POLE
C) E. C.R. 832



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01



The NGS Data Sheet

From the NGS Adjustment file "ngvd29.txt" for the CERP Geodetic Vertical Control Project.						
Line/Part: L26225		SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained				
Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
1482	2212	AJ7616	N 530	7.8458	8.0059	
Line/Part: L26214		SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained				
Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
919	1451	AJ7278	W 519	8.3504	8.5208	

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.7
1      National Geodetic Survey, Retrieval Date = JULY 1, 2015
AJ7616 *****
AJ7616 DESIGNATION - N 530
AJ7616 PID - AJ7616
AJ7616 STATE/COUNTY- FL/HENDRY
AJ7616 COUNTRY - US
AJ7616 USGS QUAD - GRAHAM MARSH (1971)
AJ7616
AJ7616 *CURRENT SURVEY CONTROL
AJ7616
AJ7616* NAD 83(2011) POSITION- 26 37 18.06452(N) 081 07 39.25992(W) ADJUSTED
AJ7616* NAD 83(2011) ELLIP HT- -16.934 (meters) (06/27/12) ADJUSTED
AJ7616* NAD 83(2011) EPOCH - 2010.00
AJ7616* NAVD 88 ORTHO HEIGHT - 7.597 (meters) 24.92 (feet) ADJUSTED
AJ7616
AJ7616 NAD 83(2011) X - 880,030.293 (meters) COMP
AJ7616 NAD 83(2011) Y - -5,637,503.713 (meters) COMP
AJ7616 NAD 83(2011) Z - 2,840,796.617 (meters) COMP
AJ7616 LAPLACE CORR - -0.77 (seconds) DEFLEC12B
AJ7616 GEOID HEIGHT - -24.54 (meters) GEOID12B
AJ7616 DYNAMIC HEIGHT - 7.585 (meters) 24.89 (feet) COMP
AJ7616 MODELED GRAVITY - 979,092.2 (mgal) NAVD 88
AJ7616
AJ7616 VERT ORDER - FIRST CLASS II
AJ7616
AJ7616 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
AJ7616 Standards:
AJ7616 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
AJ7616 Horiz Ellip SD_N SD_E SD_h (unitless)
AJ7616 -----
AJ7616 NETWORK 2.63 4.06 0.99 1.15 2.07 0.02144651
AJ7616 -----
AJ7616 Click here for local accuracies and other accuracy information.
AJ7616
AJ7616
AJ7616.The horizontal coordinates were established by GPS observations
AJ7616.and adjusted by the National Geodetic Survey in June 2012.
AJ7616
AJ7616.NAD 83(2011) refers to NAD 83 coordinates where the reference
AJ7616.frame has been affixed to the stable North American tectonic plate. See
AJ7616.NA2011 for more information.
AJ7616
AJ7616.The horizontal coordinates are valid at the epoch date displayed above
AJ7616.which is a decimal equivalence of Year/Month/Day.
AJ7616
AJ7616.The orthometric height was determined by differential leveling and
AJ7616.adjusted by the NATIONAL GEODETIC SURVEY
AJ7616.in February 2002.
AJ7616
AJ7616.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ7616
AJ7616.The Laplace correction was computed from DEFLEC12B derived deflections.
AJ7616
AJ7616.The ellipsoidal height was determined by GPS observations

```

AJ7616.and is referenced to NAD 83.

AJ7616

AJ7616.The dynamic height is computed by dividing the NAVD 88

AJ7616.geopotential number by the normal gravity value computed on the

AJ7616.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

AJ7616.degrees latitude (g = 980.6199 gals.).

AJ7616

AJ7616.The modeled gravity was interpolated from observed gravity values.

AJ7616

AJ7616. The following values were computed from the NAD 83(2011) position.

AJ7616

AJ7616;		North	East	Units	Scale	Factor	Converg.
AJ7616;SPC FL E	-	253,495.297	187,296.479	MT	0.99994317	-0 03	25.8
AJ7616;SPC FL E	-	831,675.82	614,488.53	sFT	0.99994317	-0 03	25.8
AJ7616;UTM 17	-	2,944,540.787	487,300.814	MT	0.99960199	-0 03	25.8
AJ7616!	-	Elev Factor	x	Scale Factor	=	Combined Factor	
AJ7616!SPC FL E	-	1.00000266	x	0.99994317	=	0.99994583	
AJ7616!UTM 17	-	1.00000266	x	0.99960199	=	0.99960465	

AJ7616

SUPERSEDED SURVEY CONTROL

AJ7616

AJ7616	NAD 83(2007)-	26 37 18.06466(N)	081 07 39.26061(W)	AD(2002.00)	0
AJ7616	ELLIP H (02/10/07)	-16.915 (m)		GP(2002.00)	
AJ7616	NAD 83(1999)-	26 37 18.06475(N)	081 07 39.26068(W)	AD()	1
AJ7616	ELLIP H (12/12/02)	-16.916 (m)		GP()	3 1
AJ7616	NAVD 88 (12/12/02)	7.60 (m)	24.9 (f)	LEVELING	3

AJ7616

AJ7616.Superseded values are not recommended for survey control.

AJ7616

AJ7616.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AJ7616.[See file dsdata.txt](#) to determine how the superseded data were derived.

AJ7616

AJ7616_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMK8730044540(NAD 83)

AJ7616

AJ7616_MARKER: F = FLANGE-ENCASED ROD

AJ7616_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)

AJ7616_STAMPING: N 530 2001 CERP

AJ7616_MARK LOGO: USE

AJ7616_PROJECTION: RECESSED 10 CENTIMETERS

AJ7616_MAGNETIC: O = OTHER; SEE DESCRIPTION

AJ7616_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

AJ7616_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AJ7616+SATELLITE: SATELLITE OBSERVATIONS - March 03, 2004

AJ7616_ROD/PIPE-DEPTH: 18.2 meters

AJ7616

AJ7616	HISTORY	-	Date	Condition	Report By
AJ7616	HISTORY	-	20010528	MONUMENTED	EMCINC
AJ7616	HISTORY	-	20020506	GOOD	MAPTEC
AJ7616	HISTORY	-	20040303	GOOD	MCKIM
AJ7616	HISTORY	-	20150204	GOOD	PICKET

AJ7616

STATION DESCRIPTION

AJ7616

AJ7616'DESCRIBED BY EMC INCORPORATED 2001 (MKC)

AJ7616'THE MARK IS LOCATED ABOUT 24.2 KILOMETERS (15.0 MILES) SOUTH

AJ7616'SOUTHWEST OF MOORE HAVEN, FLORIDA ABOUT 23.4 KILOMETERS (14.5

AJ7616'MILES) WEST, SOUTHWEST OF CLEWISTON, FLORIDA, ON THE RIGHT OF WAY

AJ7616'OF COUNTY ROAD 833. LOCATED ON THE GRAHAM MARSH QUAD, SECTION 27,

AJ7616'TOWNSHIP 44 SOUTH, RANGE 32 EAST.

AJ7616'

AJ7616'OWNERSHIP FLDT

AJ7616'

AJ7616'TO REACH THE MARK FROM THE INTERSECTION OF STATE ROAD 80 AND

AJ7616'COUNTY ROAD 833 ABOUT 17.7 KILOMETERS (11.0 MILES) WEST OF
AJ7616'CLEWISTON, FLORIDA, GO SOUTH ON COUNTY ROAD 833 FOR 14.60 KILOMETERS
AJ7616'(9.05 MILES) TO THE MARK ON THE LEFT (EAST) SIDE OF THE ROAD.

AJ7616'

AJ7616'THE MARK IS 34.0 METERS (111.6 FEET) NORTHWEST OF POWER POLE
AJ7616'NUMBER 082S137, 30.7 METERS (100.7 FEET) NORTH OF THE CENTER OF
AJ7616'HUNTING CLUB AVENUE LEADING EAST, 13.8 METERS (45.3 FEET) EAST OF
AJ7616'THE CENTER OF COUNTY ROAD 833, 1.0 METERS (3.3 FEET) WEST OF A
AJ7616'CARSONITE WITNESS POST.

AJ7616'THE MARK IS A STAINLESS STEEL ROD DRIVEN TO REFUSAL AT 18.28
AJ7616'METERS, LOCATED IN A 5-INCH LOGO COVER, RECESSED 0.1 METERS (0.3
AJ7616'FEET). A MAGNET WAS PLACED INSIDE THE LOGO COVER.

AJ7616'

AJ7616'

AJ7616'

AJ7616'

AJ7616'

AJ7616'

AJ7616

STATION RECOVERY (2002)

AJ7616

AJ7616'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CP)
AJ7616'THE MARK IS LOCATED ABOUT 24.2 KILOMETERS (15.0 MILES) SOUTH
AJ7616'SOUTHWEST OF MOORE HAVEN, FLORIDA ABOUT 23.4 KILOMETERS (14.5
AJ7616'MILES) WEST, SOUTHWEST OF CLEWISTON, FLORIDA, ON THE RIGHT OF WAY
AJ7616'OF COUNTY ROAD 833. LOCATED ON THE GRAHAM MARSH QUAD, SECTION 27,
AJ7616'TOWNSHIP 44 SOUTH, RANGE 32 EAST.

AJ7616'

AJ7616'OWNERSHIP FLDT

AJ7616'

AJ7616'TO REACH THE MARK FROM THE INTERSECTION OF STATE ROAD 80 AND
AJ7616'COUNTY ROAD 833 ABOUT 17.7 KILOMETERS (11.0 MILES) WEST OF
AJ7616'CLEWISTON, FLORIDA, GO SOUTH ON COUNTY ROAD 833 FOR 14.60 KILOMETERS
AJ7616'(9.05 MILES) TO THE MARK ON THE LEFT (EAST) SIDE OF THE ROAD.

AJ7616'

AJ7616'THE MARK IS 34.0 METERS (111.6 FEET) NORTHWEST OF POWER POLE
AJ7616'NUMBER 082S137, 30.7 METERS (100.7 FEET) NORTH OF THE CENTER OF
AJ7616'HUNTING CLUB AVENUE LEADING EAST, 13.8 METERS (45.3 FEET) EAST OF
AJ7616'THE CENTER OF COUNTY ROAD 833, 1.0 METERS (3.3 FEET) WEST OF A
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AJ7616'THE MARK IS A STAINLESS STEEL ROD DRIVEN TO REFUSAL AT 18.28
AJ7616'METERS, LOCATED IN A 5-INCH LOGO COVER, RECESSED 0.1 METERS (0.3
AJ7616'FEET). A MAGNET WAS PLACED INSIDE THE LOGO COVER.

AJ7616'

AJ7616'STATION RECOVERY (2002)

AJ7616'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CP)

AJ7616'RECOVERED AS DESCRIBED.

AJ7616'

AJ7616'

AJ7616'

AJ7616'

AJ7616'

AJ7616

STATION RECOVERY (2004)

AJ7616

AJ7616'RECOVERY NOTE BY MCKIM AND CREED 2004 (MJH)

AJ7616'RECOVERED IN GOOD CONDITION.

AJ7616

AJ7616

STATION RECOVERY (2015)

AJ7616

AJ7616'RECOVERY NOTE BY PICKETT AND ASSOCIATES 2015 (KR)

AJ7616'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:09

From the NGS Adjustment file "ngvd29.txt" for the CERP Geodetic Vertical Control Project.
 Line/Part: L26225 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained
 Mark ID SSN PID Designation Geopotential Elevation Codes
 1482 2212 AJ7616 N 530 7.8458 8.0059
 Line/Part: L26214 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained
 Mark ID SSN PID Designation Geopotential Elevation Codes
 919 1451 AJ7278 W 519 8.3504 8.5208

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.7
1      National Geodetic Survey, Retrieval Date = JULY 1, 2015
AJ7278 *****
AJ7278 DESIGNATION - W 519
AJ7278 PID - AJ7278
AJ7278 STATE/COUNTY- FL/HENDRY
AJ7278 COUNTRY - US
AJ7278 USGS QUAD - FELDA (1973)
AJ7278
AJ7278 *CURRENT SURVEY CONTROL
AJ7278
AJ7278* NAD 83(2011) POSITION- 26 35 44.00324(N) 081 26 11.26782(W) ADJUSTED
AJ7278* NAD 83(2011) ELLIP HT- -16.331 (meters) (06/27/12) ADJUSTED
AJ7278* NAD 83(2011) EPOCH - 2010.00
AJ7278* NAVD 88 ORTHO HEIGHT - 8.132 (meters) 26.68 (feet) ADJUSTED
AJ7278
AJ7278 NAD 83(2011) X - 849,818.085 (meters) COMP
AJ7278 NAD 83(2011) Y - -5,643,448.848 (meters) COMP
AJ7278 NAD 83(2011) Z - 2,838,208.576 (meters) COMP
AJ7278 LAPLACE CORR - 0.03 (seconds) DEFLEC12B
AJ7278 GEOID HEIGHT - -24.46 (meters) GEOID12B
AJ7278 DYNAMIC HEIGHT - 8.119 (meters) 26.64 (feet) COMP
AJ7278 MODELED GRAVITY - 979,074.1 (mgal) NAVD 88
AJ7278
AJ7278 VERT ORDER - FIRST CLASS II
AJ7278
AJ7278 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
AJ7278 Standards:
AJ7278 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
AJ7278 Horiz Ellip SD_N SD_E SD_h (unitless)
AJ7278 -----
AJ7278 NETWORK 1.72 2.70 0.71 0.70 1.38 -0.06067687
AJ7278 -----
AJ7278 Click here for local accuracies and other accuracy information.
AJ7278
AJ7278
AJ7278.The horizontal coordinates were established by GPS observations
AJ7278.and adjusted by the National Geodetic Survey in June 2012.
AJ7278
AJ7278.NAD 83(2011) refers to NAD 83 coordinates where the reference
AJ7278.frame has been affixed to the stable North American tectonic plate. See
AJ7278.NA2011 for more information.
AJ7278
AJ7278.The horizontal coordinates are valid at the epoch date displayed above
AJ7278.which is a decimal equivalence of Year/Month/Day.
AJ7278
AJ7278.The orthometric height was determined by differential leveling and
AJ7278.adjusted by the NATIONAL GEODETIC SURVEY
AJ7278.in February 2002.
AJ7278
AJ7278.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ7278
AJ7278.The Laplace correction was computed from DEFLEC12B derived deflections.
AJ7278
AJ7278.The ellipsoidal height was determined by GPS observations
```

AJ7278.and is referenced to NAD 83.

AJ7278

AJ7278.The dynamic height is computed by dividing the NAVD 88
AJ7278.geopotential number by the normal gravity value computed on the
AJ7278.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ7278.degrees latitude (g = 980.6199 gals.).

AJ7278

AJ7278.The modeled gravity was interpolated from observed gravity values.

AJ7278

AJ7278. The following values were computed from the NAD 83(2011) position.

AJ7278

AJ7278;		North	East	Units	Scale	Factor	Converg.
AJ7278;SPC FL E	-	250,668.331	156,527.285	MT	0.99996450	-0 11	43.5
AJ7278;SPC FL E	-	822,401.02	513,539.93	sFT	0.99996450	-0 11	43.5
AJ7278;UTM 17	-	2,941,714.786	456,542.118	MT	0.99962332	-0 11	43.5

AJ7278!

AJ7278!		Elev Factor	x	Scale Factor	=	Combined Factor
AJ7278!SPC FL E	-	1.00000257	x	0.99996450	=	0.99996707
AJ7278!UTM 17	-	1.00000257	x	0.99962332	=	0.99962588

AJ7278

SUPERSEDED SURVEY CONTROL

AJ7278

AJ7278	NAD 83(2007)-	26 35 44.00339(N)	081 26 11.26854(W)	AD(2002.00)	0
AJ7278	ELLIP H (02/10/07)	-16.310 (m)		GP(2002.00)	
AJ7278	NAD 83(1999)-	26 35 44.00354(N)	081 26 11.26862(W)	AD()	1
AJ7278	ELLIP H (12/12/02)	-16.322 (m)		GP()	4 1
AJ7278	NAVD 88 (12/12/02)	8.13 (m)	26.7 (f)	LEVELING	3

AJ7278

AJ7278.Superseded values are not recommended for survey control.

AJ7278

AJ7278.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AJ7278.[See file dsdata.txt](#) to determine how the superseded data were derived.

AJ7278

AJ7278_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMK5654241714(NAD 83)

AJ7278

AJ7278_MARKER: F = FLANGE-ENCASED ROD

AJ7278_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)

AJ7278_STAMPING: W 519 2001 CERP

AJ7278_MARK LOGO: NONE

AJ7278_PROJECTION: RECESSED 8 CENTIMETERS

AJ7278_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

AJ7278_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

AJ7278_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AJ7278+SATELLITE: SATELLITE OBSERVATIONS - March 09, 2002

AJ7278_ROD/PIPE-DEPTH: 11.9 meters

AJ7278

AJ7278	HISTORY	-	Date	Condition	Report By
AJ7278	HISTORY	-	200105	MONUMENTED	FOST
AJ7278	HISTORY	-	20020309	GOOD	MAPTEC
AJ7278	HISTORY	-	20050817	GOOD	INDIV

AJ7278

STATION DESCRIPTION

AJ7278

AJ7278'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)

AJ7278'THE MONUMENT IS LOCATED 11.4 MILES (18.35 KM) SOUTH OF LABELLE, FL AND

AJ7278'3.6 MILES (5.79 KM) NORTH OF

AJ7278'FELDA, FL. IN SECTION 4, TOWNSHIP 45 SOUTH, RANGE 29 EAST.

AJ7278'

AJ7278'OWNERSHIP IS THE FLORIDA DEPARTMENT OF TRANSPORTATION.

AJ7278'

AJ7278'TO REACH THE MONUMENT FROM THE JUNCTION OF STATE ROAD 29 AND STATE

AJ7278'ROAD 82, WHICH IS 5.6 MI (9.0 KM) NORTH OF THE JUNCTION OF STATE

AJ7278'ROAD 29 AND COUNTY ROAD 846 IN IMMOKALEE, GO 7.5 MILES (12.07 KM)

AJ7278'NORTH ON STATE ROAD 29 AND THE MONUMENT IS ON THE EAST SIDE (RIGHT)

AJ7278'OF THE ROAD, 161 FEET (49.07 M) SOUTH OF COUNTY ROAD 832. THE
AJ7278'MONUMENT IS LOCATED 11.4 MILES (18.35 KM) SOUTH OF THE
AJ7278'INTERSECTION OF STATE ROAD 29 AND US HIGHWAY 80 IN LA BELLE.
AJ7278'
AJ7278'THE MONUMENT IS 79.5 FEET (24.23 M) EAST OF THE CENTERLINE OF STATE
AJ7278'ROAD 29, 161 FEET (49.07 M) SOUTH
AJ7278'OF THE CENTERLINE OF COUNTY ROAD 832, 111.0 FEET (33.83 M) SOUTH OF
AJ7278'UTILITY POLE NO. 1008MS AND 15.5
AJ7278'FEET (4.72 M) WEST OF A CARSONITE WITNESS POST. NOTE ACCESS TO THE
AJ7278'DATUM POINT (THE TOP OF A
AJ7278'STAINLESS STEEL ROD) IS HAD THROUGH A 5 INCH LOGO CAP. NOTE A MAGNET
AJ7278'WAS PLACED INSIDE THE PVC
AJ7278'PIPE.

AJ7278

AJ7278

STATION RECOVERY (2002)

AJ7278

AJ7278'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

AJ7278'RECOVERED AS DESCRIBED

AJ7278'

AJ7278

AJ7278

STATION RECOVERY (2005)

AJ7278

AJ7278'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005 (CGC)

AJ7278'RECOVERED AS DESCRIBED

*** retrieval complete.

Elapsed Time = 00:00:07

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```

PROGRAM = datasheet95, VERSION = 8.7
1      National Geodetic Survey,  Retrieval Date = JULY  1, 2015
AJ7278 *****
AJ7278 DESIGNATION - W 519
AJ7278 PID - AJ7278
AJ7278 STATE/COUNTY- FL/HENDRY
AJ7278 COUNTRY - US
AJ7278 USGS QUAD - FELDA (1973)
AJ7278
AJ7278 *CURRENT SURVEY CONTROL
AJ7278
AJ7278* NAD 83(2011) POSITION- 26 35 44.00324(N) 081 26 11.26782(W) ADJUSTED
AJ7278* NAD 83(2011) ELLIP HT- -16.331 (meters) (06/27/12) ADJUSTED
AJ7278* NAD 83(2011) EPOCH - 2010.00
AJ7278* NAVD 88 ORTHO HEIGHT - 8.132 (meters) 26.68 (feet) ADJUSTED
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AJ7278 NAD 83(2011) X - 849,818.085 (meters) COMP
AJ7278 NAD 83(2011) Y - -5,643,448.848 (meters) COMP
AJ7278 NAD 83(2011) Z - 2,838,208.576 (meters) COMP
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AJ7278 GEOID HEIGHT - -24.46 (meters) GEOID12B
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AJ7278 MODELED GRAVITY - 979,074.1 (mgal) NAVD 88
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AJ7278 -----
AJ7278 NETWORK 1.72 2.70 0.71 0.70 1.38 -0.06067687
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AJ7278
AJ7278.The ellipsoidal height was determined by GPS observations

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AJ7278.and is referenced to NAD 83.

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AJ7278.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
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AJ7278;SPC FL E	-	250,668.331	156,527.285	MT	0.99996450	-0 11	43.5
AJ7278;SPC FL E	-	822,401.02	513,539.93	sFT	0.99996450	-0 11	43.5
AJ7278;UTM 17	-	2,941,714.786	456,542.118	MT	0.99962332	-0 11	43.5

AJ7278!

AJ7278!		Elev Factor	x	Scale Factor	=	Combined Factor
AJ7278!SPC FL E	-	1.00000257	x	0.99996450	=	0.99996707
AJ7278!UTM 17	-	1.00000257	x	0.99962332	=	0.99962588

AJ7278

SUPERSEDED SURVEY CONTROL

AJ7278

AJ7278	NAD 83(2007)-	26 35 44.00339(N)	081 26 11.26854(W)	AD(2002.00)	0
AJ7278	ELLIP H (02/10/07)	-16.310 (m)		GP(2002.00)	
AJ7278	NAD 83(1999)-	26 35 44.00354(N)	081 26 11.26862(W)	AD()	1
AJ7278	ELLIP H (12/12/02)	-16.322 (m)		GP()	4 1
AJ7278	NAVD 88 (12/12/02)	8.13 (m)	26.7 (f)	LEVELING	3

AJ7278

AJ7278.Superseded values are not recommended for survey control.

AJ7278

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AJ7278.[See file dsdata.txt](#) to determine how the superseded data were derived.

AJ7278

AJ7278_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMK5654241714(NAD 83)

AJ7278

AJ7278_MARKER: F = FLANGE-ENCASED ROD

AJ7278_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)

AJ7278_STAMPING: W 519 2001 CERP

AJ7278_MARK LOGO: NONE

AJ7278_PROJECTION: RECESSED 8 CENTIMETERS

AJ7278_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

AJ7278_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

AJ7278_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AJ7278+SATELLITE: SATELLITE OBSERVATIONS - March 09, 2002

AJ7278_ROD/PIPE-DEPTH: 11.9 meters

AJ7278

AJ7278	HISTORY	-	Date	Condition	Report By
AJ7278	HISTORY	-	200105	MONUMENTED	FOST
AJ7278	HISTORY	-	20020309	GOOD	MAPTEC
AJ7278	HISTORY	-	20050817	GOOD	INDIV

AJ7278

STATION DESCRIPTION

AJ7278

AJ7278'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)

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AJ7278'3.6 MILES (5.79 KM) NORTH OF

AJ7278'FELDA, FL. IN SECTION 4, TOWNSHIP 45 SOUTH, RANGE 29 EAST.

AJ7278'

AJ7278'OWNERSHIP IS THE FLORIDA DEPARTMENT OF TRANSPORTATION.

AJ7278'

AJ7278'TO REACH THE MONUMENT FROM THE JUNCTION OF STATE ROAD 29 AND STATE

AJ7278'ROAD 82, WHICH IS 5.6 MI (9.0 KM) NORTH OF THE JUNCTION OF STATE

AJ7278'ROAD 29 AND COUNTY ROAD 846 IN IMMOKALEE, GO 7.5 MILES (12.07 KM)

AJ7278'NORTH ON STATE ROAD 29 AND THE MONUMENT IS ON THE EAST SIDE (RIGHT)

AJ7278'OF THE ROAD, 161 FEET (49.07 M) SOUTH OF COUNTY ROAD 832. THE
AJ7278'MONUMENT IS LOCATED 11.4 MILES (18.35 KM) SOUTH OF THE
AJ7278'INTERSECTION OF STATE ROAD 29 AND US HIGHWAY 80 IN LA BELLE.
AJ7278'
AJ7278'THE MONUMENT IS 79.5 FEET (24.23 M) EAST OF THE CENTERLINE OF STATE
AJ7278'ROAD 29, 161 FEET (49.07 M) SOUTH
AJ7278'OF THE CENTERLINE OF COUNTY ROAD 832, 111.0 FEET (33.83 M) SOUTH OF
AJ7278'UTILITY POLE NO. 1008MS AND 15.5
AJ7278'FEET (4.72 M) WEST OF A CARSONITE WITNESS POST. NOTE ACCESS TO THE
AJ7278'DATUM POINT (THE TOP OF A
AJ7278'STAINLESS STEEL ROD) IS HAD THROUGH A 5 INCH LOGO CAP. NOTE A MAGNET
AJ7278'WAS PLACED INSIDE THE PVC
AJ7278'PIPE.

AJ7278

AJ7278

STATION RECOVERY (2002)

AJ7278

AJ7278'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

AJ7278'RECOVERED AS DESCRIBED

AJ7278'

AJ7278

AJ7278

STATION RECOVERY (2005)

AJ7278

AJ7278'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005 (CGC)

AJ7278'RECOVERED AS DESCRIBED

*** retrieval complete.

Elapsed Time = 00:00:07

STAR*NET-LEV Version 6.0.25
Copyright 1988-2002 Starplus Software, Inc.
Licensed for Use by Jeffrey C. Cooner and Associates
Run Date: Tue Dec 20 2005 09:53:34

Summary of Files Used and Option Settings

=====

Project Folder and Data Files

Project Name HE852-853
Project Folder J:\2002\A020801.06\STARNET
Data File List he852-853.dat

Project Option Settings

STAR*NET Run Mode : Adjust with Error Propagation
Type of Adjustment : Lev
Project Units : FeetUS
Input/Output Coordinate Order : North-East
Create Coordinate File : Yes

Instrument Standard Error Settings

Project Default Instrument
Differential Levels : 0.010000 FeetUS / Mile

Listing of Input Data
=====

[File: J:\2002\A020801.06\STARNET\HE852-853.DAT]

STAR*DNA Version 4.0.2

Copyright 2003 Starplus Software, Inc.

Input Field File : J:\2002\A020801.06\LEVELPAK\HE852-853\he852-853.raw

Date Processed : 12-20-2005 09:49:22

.Units FeetUS

.Sep -

.3D

#NAVD 88 BM ELEVATIONS

E 500 26.68 !

E 511 26.15 !

E 512 24.92 !

Elevation Difference Records

# Stations	Diff	Dist	Descriptor
L 500-501	2.57100	15034	
L 501-502	-0.33820	12834	
L 502-503	0.57780	6288	
L 503-504	-0.15650	5484	
L 504-505	0.28320	13825	
L 505-506	-0.88010	11557	
L 506-507	-0.14590	4413	
L 507-508	1.14510	7676	
L 508-509	-0.21840	7427	
L 509-510	-1.70620	15066	
L 510-511	-1.74700	6771	
L 511-512	-1.23610	5202	

Summary of Unadjusted Input Observations

=====

Number of Entered Stations (FeetUS) = 3

Fixed Stations	Elev	Description
500	26.6800	
511	26.1500	
512	24.9200	

Number of Differential Level Observations (FeetUS) = 12

From	To	Elev Diff	StdErr	Length
500	501	2.5710	0.0169	15034
501	502	-0.3382	0.0156	12834
502	503	0.5778	0.0109	6288
503	504	-0.1565	0.0102	5484
504	505	0.2832	0.0162	13825
505	506	-0.8801	0.0148	11557
506	507	-0.1459	0.0091	4413
507	508	1.1451	0.0121	7676
508	509	-0.2184	0.0119	7427
509	510	-1.7062	0.0169	15066
510	511	-1.7470	0.0113	6771
511	512	-1.2361	0.0099	5202

Adjustment Statistical Summary

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Number of Stations = 13
Number of Observations = 12
Number of Unknowns = 10
Number of Redundant Obs = 2

Observation	Count	Sum Squares of StdRes	Error Factor
Level Data	12	3.981	1.411
Total	12	3.981	1.411

The Chi-Square Test at 5.00% Level Passed
Lower/Upper Bounds (0.159/1.921)

Adjusted Elevations and Error Propagation (FeetUS)

=====

Station	Elev	StdDev	95%	Description
500	26.6800	0.000000	0.000000	
511	26.1500	0.000000	0.000000	
512	24.9200	0.000000	0.000000	
501	29.2630	0.015636	0.030647	
502	28.9351	0.019737	0.038683	
503	29.5180	0.020957	0.041074	
504	29.3658	0.021702	0.042536	
505	29.6601	0.022442	0.043986	
506	28.7893	0.021880	0.042884	
507	28.6469	0.021370	0.041884	
508	29.7982	0.020044	0.039286	
509	29.5857	0.018129	0.035533	
510	27.8916	0.010958	0.021477	

Adjusted Observations and Residuals

=====

Adjusted Differential Level Observations (FeetUS)

From StdRes	To	Elev Diff	Residual	StdErr
500 0.7	501	2.5830	0.0120	0.0169
501 0.7	502	-0.3279	0.0103	0.0156
502 0.5	503	0.5828	0.0050	0.0109
503 0.4	504	-0.1521	0.0044	0.0102
504 0.7	505	0.2943	0.0111	0.0162
505 0.6	506	-0.8708	0.0093	0.0148
506 0.4	507	-0.1424	0.0035	0.0091
507 0.5	508	1.1512	0.0061	0.0121
508 0.5	509	-0.2125	0.0059	0.0119
509 0.7	510	-1.6941	0.0121	0.0169
510 0.5	511	-1.7416	0.0054	0.0113
511 0.6	512	-1.2300	0.0061	0.0099

Elapsed Time = 00:00:00

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01 00000000 Top of File
 01 00000006 Summary of Files Used and Option Settings
 02 00000009 Project Folder and Data Files
 02 00000015 Project Option Settings
 02 00000023 Instrument Standard Error Settings
 03 00000025 Project Default Instrument
 01 00000028 Listing of Input Data
 01 00000062 Summary of Unadjusted Input Observations
 02 00000065 Entered Stations
 03 00000067 Fixed Elevations
 02 00000072 Differential Level Observations
 01 00000088 Adjustment Statistical Summary
 01 00000106 Adjusted Elevations and Error Propagation
 01 00000124 Adjusted Observations and Residuals
 02 00000127 Adjusted Differential Level Observations
 01 00000142 End of File

00001951

STARPLUS

0000C5E0

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410696+?. 1
110697+00000503 83. . 11+00029520
110698+00000503 32. . 01+00020530 331107+00050497 52. . 07+0003+001
110699+00000600 32. . 01+00020700 332107+00029713 52. . 07+0003+000
110700+00000600 573. . 1-00000170 574. . 1+00041230 83. . 01+00031598
110701+00000600 32. . 01+00020700 331107+00028520 52. . 07+0003+000
110702+00000503 32. . 01+00020550 332107+00049300 52. . 07+0003+000
110703+00000503 573. . 1-00000020 574. . 1+00082480 83. . 01+00029520

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410001+?. 1
110002+00000500 83. . 11+00027020
110003+00000500 32. . 01+00131820 331107+00074422 52. . 07+0003+007
110004+00000001 32. . 01+00126520 332107+00043532 52. . 07+0003+006
110005+00000001 573. . 1+00005300 574. . 1+00258330 83. . 01+00030109
110006+00000001 32. . 01+00249970 331107+00045393 52. . 07+0003+010
110007+00000002 32. . 01+00249390 332107+00040575 52. . 07+0003+008
110008+00000002 573. . 1+00005880 574. . 1+00757690 83. . 01+00030591
110009+00000002 32. . 01+00252680 331107+00046061 52. . 07+0003+016
110010+00000003 32. . 01+00238280 332107+00045070 52. . 07+0003+002
110011+00000003 573. . 1+00020280 574. . 1+01248650 83. . 01+00030690
110012+00000003 32. . 01+00285500 331107+00057636 52. . 07+0003+012
110013+00000004 32. . 01+00287260 332107+00061183 52. . 07+0003+020
110014+00000004 573. . 1+00018520 574. . 1+01821420 83. . 01+00030335
110015+00000004 32. . 01+00299350 331107+00047795 52. . 07+0003+016
110016+00000005 32. . 01+00276160 332107+00050715 52. . 07+0003+002
110017+00000005 573. . 1+00041720 574. . 1+02396930 83. . 01+00030043
110018+00000005 32. . 01+00247810 331107+00050815 52. . 07+0003+002
110019+00000006 32. . 01+00242380 332107+00046516 52. . 07+0003+008
110020+00000006 573. . 1+00047150 574. . 1+02887120 83. . 01+00030473
110021+00000006 32. . 01+00259230 331107+00050137 52. . 07+0003+009
110022+00000007 32. . 01+00251540 332107+00054164 52. . 07+0003+008
110023+00000007 573. . 1+00054840 574. . 1+03397880 83. . 01+00030070
110024+00000007 32. . 01+00255630 331107+00061113 52. . 07+0003+021
110025+00000008 32. . 01+00242690 332107+00061140 52. . 07+0003+017
110026+00000008 573. . 1+00067780 574. . 1+03896210 83. . 01+00030068
110027+00000008 32. . 01+00250340 331107+00055350 52. . 07+0003+019
110028+00000009 32. . 01+00239510 332107+00053164 52. . 07+0003+016
110029+00000009 573. . 1+00078610 574. . 1+04386050 83. . 01+00030286
110030+00000009 32. . 01+00253900 331107+00059150 52. . 07+0003+002
110031+00000010 32. . 01+00248130 332107+00061316 52. . 07+0003+011
110032+00000010 573. . 1+00084390 574. . 1+04888080 83. . 01+00030070
110033+00000010 32. . 01+00261360 331107+00059317 52. . 07+0003+012
110034+00000011 32. . 01+00247500 332107+00062994 52. . 07+0003+007
110035+00000011 573. . 1+00098250 574. . 1+05396950 83. . 01+00029702
110036+00000011 32. . 01+00261650 331107+00059343 52. . 07+0003+003
110037+00000012 32. . 01+00256070 332107+00054855 52. . 07+0003+020
110038+00000012 573. . 1+00103830 574. . 1+05914660 83. . 01+00030151
110039+00000012 32. . 01+00258430 331107+00057712 52. . 07+0003+011
110040+00000013 32. . 01+00259000 332107+00057266 52. . 07+0003+016
110041+00000013 573. . 1+00103260 574. . 1+06432090 83. . 01+00030195
110042+00000013 32. . 01+00277580 331107+00053552 52. . 07+0003+010
110043+00000014 32. . 01+00243250 332107+00058671 52. . 07+0003+013
110044+00000014 573. . 1+00137600 574. . 1+06952920 83. . 01+00029683
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110046+00000015 32. . 01+00250220 332107+00058029 52. . 07+0003+015
110047+00000015 573. . 1+00143180 574. . 1+07458940 83. . 01+00030008
110048+00000015 32. . 01+00270340 331107+00055750 52. . 07+0003+002
110049+00000016 32. . 01+00250480 332107+00054396 52. . 07+0003+009
110050+00000016 573. . 1+00163040 574. . 1+07979760 83. . 01+00030143
110051+00000016 32. . 01+00258910 331107+00057001 52. . 07+0003+006
110052+00000017 32. . 01+00251280 332107+00054435 52. . 07+0003+007
110053+00000017 573. . 1+00170670 574. . 1+08489950 83. . 01+00030400
110054+00000017 32. . 01+00262170 331107+00054219 52. . 07+0003+008
110055+00000018 32. . 01+00254650 332107+00049597 52. . 07+0003+005
110056+00000018 573. . 1+00178190 574. . 1+09006760 83. . 01+00030862
110057+00000018 32. . 01+00260160 331107+00052158 52. . 07+0003+002
110058+00000019 32. . 01+00248620 332107+00055030 52. . 07+0003+002
110059+00000019 573. . 1+00189730 574. . 1+09515550 83. . 01+00030575
110060+00000019 32. . 01+00257000 331107+00052167 52. . 07+0003+012
110061+00000020 32. . 01+00249200 332107+00055389 52. . 07+0003+009
110062+00000020 573. . 1+00197530 574. . 1+10021750 83. . 01+00030252
110063+00000020 32. . 01+00262190 331107+00063104 52. . 07+0003+010

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110065+00000021	573.	. 1+00208250	574.	. 1+10535420	83.	. 01+00030242
110066+00000021	32.	. 01+00245780	331107+00053958	52.	. 07+0003+009	
110067+00000022	32.	. 01+00257370	332107+00055910	52.	. 07+0003+006	
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110070+00000023	32.	. 01+00247820	332107+00052135	52.	. 07+0003+007	
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110072+00000023	32.	. 01+00247600	331107+00054937	52.	. 07+0003+018	
110073+00000024	32.	. 01+00247590	332107+00053802	52.	. 07+0003+009	
110074+00000024	573.	. 1+00200100	574.	. 1+12032830	83.	. 01+00029909
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110127+00000042	32.	. 01+00251490	332107+00051792	52.	. 07+0003+002	
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110129+00000042	32.	. 01+00247690	331107+00049788	52.	. 07+0003+007	
110130+00000043	32.	. 01+00254400	332107+00051960	52.	. 07+0003+009	
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110132+00000043	32.	. 01+00252390	331107+00053274	52.	. 07+0003+013	
110133+00000044	32.	. 01+00256330	332107+00053684	52.	. 07+0003+004	
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110137+00000045	573.	. 1+00074720	574.	. 1+22379730	83.	. 01+00029401
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110139+00000046	32.	. 01+00255460	332107+00054858	52.	. 07+0003+011	
110140+00000046	573.	. 1+00057810	574.	. 1+22873750	83.	. 01+00029621
110141+00000046	32.	. 01+00247120	331107+00051554	52.	. 07+0003+010	
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110143+00000047	573.	. 1+00051800	574.	. 1+23374000	83.	. 01+00029727
110144+00000047	32.	. 01+00245390	331107+00051212	52.	. 07+0003+013	
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110146+00000048	573.	. 1+00030820	574.	. 1+23885760	83.	. 01+00029642
110147+00000048	32.	. 01+00245640	331107+00052624	52.	. 07+0003+012	
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110157+00000052	32.	. 01+00258580	332107+00048430	52.	. 07+0003+009	
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110166+00000055	32.	. 01+00249600	332107+00049652	52.	. 07+0003+013	
110167+00000055	573.	. 1-00013500	574.	. 1+27377060	83.	. 01+00029715
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110175+00000058	32.	. 01+00200490	332107+00050422	52.	. 07+0003+001	
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110178+00000059	32.	. 01+00194750	332107+00060427	52.	. 07+0003+001	
110179+00000059	573.	. 1+00008440	574.	. 1+29099300	83.	. 01+00028976
110180+00000059	32.	. 01+00249790	331107+00056293	52.	. 07+0003+006	
110181+00000060	32.	. 01+00256850	332107+00053546	52.	. 07+0003+004	
110182+00000060	573.	. 1+00001370	574.	. 1+29605940	83.	. 01+00029251
110183+00000060	32.	. 01+00256570	331107+00056325	52.	. 07+0003+004	
410184+! 331						
110185+00000060	32.	. 01+00256610	331107+00056337	52.	. 07+0003+012	
110186+00000061	32.	. 01+00250330	332107+00056976	52.	. 07+0003+008	
110187+00000061	573.	. 1+00007650	574.	. 1+30112880	83.	. 01+00029187
110188+00000061	32.	. 01+00256620	331107+00047756	52.	. 07+0003+004	
110189+00000062	32.	. 01+00247210	332107+00045688	52.	. 07+0003+005	

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110190+00000062	573. . 1+00017060	574. . 1+30616710	83. . 01+00029394
110191+00000062	32. . 01+00259620	331107+00049103	52. . 07+0003+011
110192+00000063	32. . 01+00249780	332107+00043993	52. . 07+0003+010
110193+00000063	573. . 1+00026900	574. . 1+31126110	83. . 01+00029905
110194+00000063	32. . 01+00249780	331107+00046480	52. . 07+0003+017
110195+00000064	32. . 01+00230670	332107+00054256	52. . 07+0003+007
110196+00000064	573. . 1+00046000	574. . 1+31606560	83. . 01+00029127
110197+00000064	32. . 01+00251820	331107+00052629	52. . 07+0003+012
110198+00000065	32. . 01+00231090	332107+00042928	52. . 07+0003+012
110199+00000065	573. . 1+00066730	574. . 1+32089470	83. . 01+00030097
110200+00000065	32. . 01+00251970	331107+00051765	52. . 07+0003+008
110201+00000066	32. . 01+00246140	332107+00047249	52. . 07+0003+004
110202+00000066	573. . 1+00072570	574. . 1+32587580	83. . 01+00030549
110203+00000066	32. . 01+00251600	331107+00047306	52. . 07+0003+015
110204+00000067	32. . 01+00251310	332107+00055157	52. . 07+0003+010
110205+00000067	573. . 1+00072850	574. . 1+33090490	83. . 01+00029764
110206+00000067	32. . 01+00252150	331107+00050824	52. . 07+0003+014
110207+00000068	32. . 01+00251850	332107+00047761	52. . 07+0003+004
110208+00000068	573. . 1+00073150	574. . 1+33594490	83. . 01+00030070
110209+00000068	32. . 01+00274020	331107+00049287	52. . 07+0004+018
110210+00000503	32. . 01+00287620	332107+00051681	52. . 07+0003+009
110211+00000503	573. . 1+00059550	574. . 1+34156120	83. . 01+00029831
110212+00000503	32. . 01+00238700	331107+00051403	52. . 07+0003+006
110213+00000070	32. . 01+00247270	332107+00049898	52. . 07+0003+001
110214+00000070	573. . 1+00050970	574. . 1+34642090	83. . 01+00029981
110215+00000070	32. . 01+00262450	331107+00048674	52. . 07+0003+013
110216+00000071	32. . 01+00263850	332107+00047794	52. . 07+0003+012
110217+00000071	573. . 1+00049580	574. . 1+35168400	83. . 01+00030069
110218+00000071	32. . 01+00245620	331107+00050380	52. . 07+0003+004
110219+00000072	32. . 01+00239790	332107+00048273	52. . 07+0003+011
110220+00000072	573. . 1+00055400	574. . 1+35653810	83. . 01+00030280
110221+00000072	32. . 01+00258150	331107+00047017	52. . 07+0003+014
110222+00000073	32. . 01+00252810	332107+00046060	52. . 07+0003+003
110223+00000073	573. . 1+00060740	574. . 1+36164770	83. . 01+00030375
110224+00000073	32. . 01+00252150	331107+00051756	52. . 07+0003+015
110225+00000074	32. . 01+00243330	332107+00053740	52. . 07+0003+008
110226+00000074	573. . 1+00069550	574. . 1+36660250	83. . 01+00030177
110227+00000074	32. . 01+00247900	331107+00051916	52. . 07+0003+006
110228+00000075	32. . 01+00245290	332107+00053246	52. . 07+0003+009
110229+00000075	573. . 1+00072160	574. . 1+37153440	83. . 01+00030044
110230+00000075	32. . 01+00249540	331107+00050387	52. . 07+0003+001
110231+00000076	32. . 01+00250460	332107+00049238	52. . 07+0003+014
110232+00000076	573. . 1+00071240	574. . 1+37653430	83. . 01+00030159
110233+00000076	32. . 01+00250110	331107+00047860	52. . 07+0003+013
110234+00000077	32. . 01+00250410	332107+00053362	52. . 07+0003+007
110235+00000077	573. . 1+00070940	574. . 1+38153960	83. . 01+00029608
110236+00000077	32. . 01+00242580	331107+00046857	52. . 07+0003+010
110237+00000078	32. . 01+00244810	332107+00042886	52. . 07+0003+003
110238+00000078	573. . 1+00068710	574. . 1+38641350	83. . 01+00030006
110239+00000078	32. . 01+00260150	331107+00049467	52. . 07+0003+012
110240+00000079	32. . 01+00252700	332107+00050091	52. . 07+0003+010
110241+00000079	573. . 1+00076150	574. . 1+39154190	83. . 01+00029943
110242+00000079	32. . 01+00233030	331107+00044839	52. . 07+0003+015
110243+00000504	32. . 01+00253210	332107+00047533	52. . 07+0003+006
110244+00000504	573. . 1+00055970	574. . 1+39640440	83. . 01+00029674
110245+00000504	32. . 01+00262290	331107+00047944	52. . 07+0003+003
110246+00000081	32. . 01+00256600	332107+00057764	52. . 07+0003+014
110247+00000081	573. . 1+00061660	574. . 1+40159320	83. . 01+00028692
110248+00000081	32. . 01+00264750	331107+00060752	52. . 07+0003+017
110249+00000082	32. . 01+00248470	332107+00058075	52. . 07+0003+004
110250+00000082	573. . 1+00077950	574. . 1+40672540	83. . 01+00028959
110251+00000082	32. . 01+00265790	331107+00060344	52. . 07+0003+012
110252+00000083	32. . 01+00249540	332107+00059669	52. . 07+0003+005

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110253+00000083	573. . 1+00094200	574. . 1+41187870	83. . 01+00029027
110254+00000083	32. . 01+00268100	331107+00061286	52. . 07+0003+001
110255+00000084	32. . 01+00258310	332107+00060646	52. . 07+0003+012
110256+00000084	573. . 1+00103990	574. . 1+41714290	83. . 01+00029091
110257+00000084	32. . 01+00297320	331107+00065618	52. . 07+0003+007
110258+00000085	32. . 01+00262850	332107+00061317	52. . 07+0003+018
110259+00000085	573. . 1+00138460	574. . 1+42274450	83. . 01+00029521
110260+00000085	32. . 01+00258170	331107+00064281	52. . 07+0003+013
110261+00000086	32. . 01+00257920	332107+00065547	52. . 07+0003+010
110262+00000086	573. . 1+00138710	574. . 1+42790540	83. . 01+00029394
110263+00000086	32. . 01+00245210	331107+00060926	52. . 07+0003+013
110264+00000087	32. . 01+00257240	332107+00053370	52. . 07+0003+009
110265+00000087	573. . 1+00126690	574. . 1+43292990	83. . 01+00030150
110266+00000087	32. . 01+00255480	331107+00059976	52. . 07+0003+004
110267+00000088	32. . 01+00249110	332107+00059583	52. . 07+0003+013
110268+00000088	573. . 1+00133060	574. . 1+43797580	83. . 01+00030189
110269+00000088	32. . 01+00260540	331107+00059350	52. . 07+0003+011
110270+00000089	32. . 01+00262670	332107+00061737	52. . 07+0003+011
110271+00000089	573. . 1+00130930	574. . 1+44320790	83. . 01+00029950
110272+00000089	32. . 01+00245510	331107+00060822	52. . 07+0003+007
110273+00000090	32. . 01+00241780	332107+00065659	52. . 07+0003+007
110274+00000090	573. . 1+00134660	574. . 1+44808080	83. . 01+00029467
110275+00000090	32. . 01+00256600	331107+00067656	52. . 07+0003+019
110276+00000091	32. . 01+00256840	332107+00066917	52. . 07+0003+011
110277+00000091	573. . 1+00134430	574. . 1+45321520	83. . 01+00029541
110278+00000091	32. . 01+00254290	331107+00066189	52. . 07+0003+015
110279+00000092	32. . 01+00256850	332107+00065455	52. . 07+0003+013
110280+00000092	573. . 1+00131860	574. . 1+45832660	83. . 01+00029614
110281+00000092	32. . 01+00251430	331107+00054242	52. . 07+0003+017
110282+00000093	32. . 01+00252840	332107+00053068	52. . 07+0003+011
110283+00000093	573. . 1+00130440	574. . 1+46336930	83. . 01+00029731
110284+00000093	32. . 01+00259950	331107+00051675	52. . 07+0003+006
110285+00000094	32. . 01+00248360	332107+00049883	52. . 07+0003+005
110286+00000094	573. . 1+00142040	574. . 1+46845240	83. . 01+00029911
110287+00000094	32. . 01+00254280	331107+00057877	52. . 07+0003+012
110288+00000095	32. . 01+00246030	332107+00045294	52. . 07+0003+017
110289+00000095	573. . 1+00150290	574. . 1+47345550	83. . 01+00031169
110290+00000095	32. . 01+00257120	331107+00047835	52. . 07+0003+007
110291+00000096	32. . 01+00246390	332107+00057971	52. . 07+0003+010
110292+00000096	573. . 1+00161020	574. . 1+47849060	83. . 01+00030156
110293+00000096	32. . 01+00258170	331107+00060991	52. . 07+0003+007
110294+00000097	32. . 01+00253870	332107+00063264	52. . 07+0003+016
110295+00000097	573. . 1+00165320	574. . 1+48361100	83. . 01+00029928
110296+00000097	32. . 01+00261100	331107+00057672	52. . 07+0003+017
110297+00000098	32. . 01+00248740	332107+00054680	52. . 07+0003+002
110298+00000098	573. . 1+00177690	574. . 1+48870940	83. . 01+00030227
110299+00000098	32. . 01+00262990	331107+00053755	52. . 07+0003+005
110300+00000099	32. . 01+00248310	332107+00048830	52. . 07+0003+006
110301+00000099	573. . 1+00192370	574. . 1+49382240	83. . 01+00030720
110302+00000099	32. . 01+00258950	331107+00042782	52. . 07+0003+003
110303+00000100	32. . 01+00255300	332107+00050755	52. . 07+0003+002
110304+00000100	573. . 1+00196020	574. . 1+49896490	83. . 01+00029922
110305+00000100	32. . 01+00268340	331107+00051061	52. . 07+0003+005
110306+00000101	32. . 01+00249440	332107+00054570	52. . 07+0003+004
110307+00000101	573. . 1+00214910	574. . 1+50414270	83. . 01+00029572
110308+00000101	32. . 01+00325060	331107+00055008	52. . 07+0003+007
110309+00000102	32. . 01+00257650	332107+00051611	52. . 07+0003+002
110310+00000102	573. . 1+00282330	574. . 1+50996980	83. . 01+00029911
110311+00000102	32. . 01+00252160	331107+00051638	52. . 07+0003+012
110312+00000103	32. . 01+00252610	332107+00049237	52. . 07+0003+017
110313+00000103	573. . 1+00281880	574. . 1+51501740	83. . 01+00030151
110314+00000103	32. . 01+00247270	331107+00051828	52. . 07+0003+008
110315+00000104	32. . 01+00251260	332107+00052480	52. . 07+0003+014

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110316+00000104	573. . 1+00277890	574. . 1+52000270	83. . 01+00030086
110317+00000104	32. . 01+00254990	331107+00051735	52. . 07+0003+009
110318+00000105	32. . 01+00253870	332107+00052575	52. . 07+0003+003
110319+00000105	573. . 1+00279020	574. . 1+52509130	83. . 01+00030002
110320+00000105	32. . 01+00249650	331107+00053695	52. . 07+0003+012
110321+00000106	32. . 01+00241460	332107+00045090	52. . 07+0003+008
110322+00000106	573. . 1+00287210	574. . 1+53000240	83. . 01+00030862
110323+00000106	32. . 01+00219430	331107+00044411	52. . 07+0003+012
110324+00000505	32. . 01+00246100	332107+00053470	52. . 07+0003+008
110325+00000505	573. . 1+00260550	574. . 1+53465770	83. . 01+00029956
110326+00000505	32. . 01+00240340	331107+00059350	52. . 07+0003+002
110327+00000108	32. . 01+00257020	332107+00055464	52. . 07+0003+003
110328+00000108	573. . 1+00243870	574. . 1+53963140	83. . 01+00030345
110329+00000108	32. . 01+00253260	331107+00057156	52. . 07+0003+012
110330+00000109	32. . 01+00249240	332107+00062692	52. . 07+0003+006
110331+00000109	573. . 1+00247890	574. . 1+54465640	83. . 01+00029792
110332+00000109	32. . 01+00248240	331107+00060336	52. . 07+0003+003
110333+00000110	32. . 01+00249550	332107+00060345	52. . 07+0003+006
110334+00000110	573. . 1+00246570	574. . 1+54963430	83. . 01+00029791
110335+00000110	32. . 01+00248060	331107+00055141	52. . 07+0003+009
110336+00000111	32. . 01+00242780	332107+00046599	52. . 07+0003+005
110337+00000111	573. . 1+00251850	574. . 1+55454270	83. . 01+00030645
110338+00000111	32. . 01+00255320	331107+00050927	52. . 07+0003+003
110339+00000112	32. . 01+00259420	332107+00057513	52. . 07+0003+008
110340+00000112	573. . 1+00247760	574. . 1+55969010	83. . 01+00029986
110341+00000112	32. . 01+00251840	331107+00058019	52. . 07+0003+006
110342+00000113	32. . 01+00251080	332107+00054523	52. . 07+0003+013
110343+00000113	573. . 1+00248520	574. . 1+56471930	83. . 01+00030336
110344+00000113	32. . 01+00252550	331107+00057362	52. . 07+0003+009
110345+00000114	32. . 01+00255690	332107+00060493	52. . 07+0003+005
110346+00000114	573. . 1+00245370	574. . 1+56980160	83. . 01+00030023
110347+00000114	32. . 01+00256280	331107+00061083	52. . 07+0003+019
110348+00000115	32. . 01+00255170	332107+00060068	52. . 07+0003+004
110349+00000115	573. . 1+00246480	574. . 1+57491610	83. . 01+00030124
110350+00000115	32. . 01+00254170	331107+00058495	52. . 07+0004+010
110351+00000116	32. . 01+00246370	332107+00059461	52. . 07+0003+013
110352+00000116	573. . 1+00254280	574. . 1+57992140	83. . 01+00030028
110353+00000116	32. . 01+00249930	331107+00058173	52. . 07+0003+008
110354+00000117	32. . 01+00248360	332107+00062563	52. . 07+0003+014
110355+00000117	573. . 1+00255860	574. . 1+58490430	83. . 01+00029589
110356+00000117	32. . 01+00254290	331107+00060887	52. . 07+0003+012
110357+00000118	32. . 01+00246600	332107+00058783	52. . 07+0003+009
110358+00000118	573. . 1+00263540	574. . 1+58991330	83. . 01+00029799
110359+00000118	32. . 01+00240670	331107+00060093	52. . 07+0003+015
110360+00000119	32. . 01+00247680	332107+00057031	52. . 07+0003+006
110361+00000119	573. . 1+00256530	574. . 1+59479690	83. . 01+00030105
110362+00000119	32. . 01+00247220	331107+00060497	52. . 07+0003+014
110363+00000120	32. . 01+00248560	332107+00064821	52. . 07+0003+007
110364+00000120	573. . 1+00255190	574. . 1+59975470	83. . 01+00029673
110365+00000120	32. . 01+00247830	331107+00063647	52. . 07+0003+005
110366+00000121	32. . 01+00247480	332107+00068907	52. . 07+0003+011
110367+00000121	573. . 1+00255530	574. . 1+60470780	83. . 01+00029147
110368+00000121	32. . 01+00253650	331107+00051956	52. . 07+0003+013
110369+00000122	32. . 01+00238760	332107+00056842	52. . 07+0003+007
110370+00000122	573. . 1+00270420	574. . 1+60963180	83. . 01+00028658
110371+00000122	32. . 01+00260830	331107+00049746	52. . 07+0003+014
110372+00000123	32. . 01+00254420	332107+00047275	52. . 07+0003+003
110373+00000123	573. . 1+00276830	574. . 1+61478430	83. . 01+00028906
110374+00000123	32. . 01+00262170	331107+00044547	52. . 07+0003+007
110375+00000124	32. . 01+00253800	332107+00047995	52. . 07+0003+010
110376+00000124	573. . 1+00285200	574. . 1+61994390	83. . 01+00028561
110377+00000124	32. . 01+00260080	331107+00051524	52. . 07+0003+014
110378+00000125	32. . 01+00246790	332107+00046636	52. . 07+0003+005

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110380+00000125	32. . 01+00249550	331107+00053527	52. . 07+0003+014
110381+00000126	32. . 01+00252120	332107+00056719	52. . 07+0003+008
110382+00000126	573. . 1+00295920	574. . 1+63002920	83. . 01+00028730
110383+00000126	32. . 01+00249810	331107+00051997	52. . 07+0003+015
110384+00000127	32. . 01+00258240	332107+00053169	52. . 07+0003+012
110385+00000127	573. . 1+00287490	574. . 1+63510970	83. . 01+00028613
110386+00000127	32. . 01+00241070	331107+00053616	52. . 07+0003+007
110387+00000128	32. . 01+00245450	332107+00053090	52. . 07+0003+014
110388+00000128	573. . 1+00283110	574. . 1+63997480	83. . 01+00028666
110389+00000128	32. . 01+00259380	331107+00047103	52. . 07+0003+007
110390+00000129	32. . 01+00253410	332107+00050220	52. . 07+0003+006
110391+00000129	573. . 1+00289070	574. . 1+64510270	83. . 01+00028354
110392+00000129	32. . 01+00259550	331107+00051023	52. . 07+0003+015
110393+00000506	32. . 01+00253250	332107+00043797	52. . 07+0003+017
110394+00000506	573. . 1+00295370	574. . 1+65023070	83. . 01+00029077
110395+00000506	32. . 01+00242610	331107+00042532	52. . 07+0003+008
110396+00000131	32. . 01+00257980	332107+00045176	52. . 07+0003+011
110397+00000131	573. . 1+00280000	574. . 1+65523660	83. . 01+00028812
110398+00000131	32. . 01+00249220	331107+00045724	52. . 07+0003+013
110399+00000132	32. . 01+00235360	332107+00044978	52. . 07+0003+019
110400+00000132	573. . 1+00293860	574. . 1+66008240	83. . 01+00028887
110401+00000132	32. . 01+00237890	331107+00047819	52. . 07+0003+010
110402+00000133	32. . 01+00253300	332107+00052897	52. . 07+0003+013
110403+00000133	573. . 1+00278460	574. . 1+66499440	83. . 01+00028379
110404+00000133	32. . 01+00242940	331107+00049326	52. . 07+0003+003
110405+00000134	32. . 01+00259740	332107+00046922	52. . 07+0003+002
110406+00000134	573. . 1+00261660	574. . 1+67002130	83. . 01+00028620
110407+00000134	32. . 01+00251670	331107+00047189	52. . 07+0003+014
110408+00000135	32. . 01+00246110	332107+00047826	52. . 07+0003+020
110409+00000135	573. . 1+00267220	574. . 1+67499910	83. . 01+00028556
110410+00000135	32. . 01+00239370	331107+00056780	52. . 07+0003+007
110411+00000136	32. . 01+00256340	332107+00054108	52. . 07+0003+006
110412+00000136	573. . 1+00250250	574. . 1+67995620	83. . 01+00028823
110413+00000136	32. . 01+00253360	331107+00052752	52. . 07+0003+024
110414+00000137	32. . 01+00249490	332107+00053293	52. . 07+0003+012
110415+00000137	573. . 1+00254120	574. . 1+68498470	83. . 01+00028769
110416+00000137	32. . 01+00237380	331107+00049876	52. . 07+0003+012
110417+00000138	32. . 01+00234970	332107+00048591	52. . 07+0003+012
110418+00000138	573. . 1+00256540	574. . 1+68970820	83. . 01+00028897
110419+00000138	32. . 01+00272590	331107+00064758	52. . 07+0003+014
110420+00000507	32. . 01+00193140	332107+00064424	52. . 07+0003+003
110421+00000507	573. . 1+00335980	574. . 1+69436550	83. . 01+00028931
110422+00000507	32. . 01+00200290	331107+00053874	52. . 07+0003+013
110423+00000140	32. . 01+00169820	332107+00050882	52. . 07+0003+002
110424+00000140	573. . 1+00366460	574. . 1+69806660	83. . 01+00029230
110425+00000140	32. . 01+00175790	331107+00048939	52. . 07+0004+002
110426+00000141	32. . 01+00173800	332107+00052613	52. . 07+0003+002
110427+00000141	573. . 1+00368450	574. . 1+70156250	83. . 01+00028863
110428+00000141	32. . 01+00169740	331107+00053213	52. . 07+0003+005
110429+00000142	32. . 01+00175510	332107+00046910	52. . 07+0003+003
110430+00000142	573. . 1+00362680	574. . 1+70501510	83. . 01+00029493
110431+00000142	32. . 01+00171090	331107+00048459	52. . 07+0003+003
110432+00000143	32. . 01+00171660	332107+00056314	52. . 07+0003+001
110433+00000143	573. . 1+00362110	574. . 1+70844260	83. . 01+00028707
110434+00000143	32. . 01+00192520	331107+00055882	52. . 07+0003+005
110435+00000144	32. . 01+00199460	332107+00048253	52. . 07+0003+004
110436+00000144	573. . 1+00355170	574. . 1+71236230	83. . 01+00029470
110437+00000144	32. . 01+00191250	331107+00041667	52. . 07+0003+004
110438+00000145	32. . 01+00189370	332107+00044709	52. . 07+0003+005
110439+00000145	573. . 1+00357060	574. . 1+71616860	83. . 01+00029166
110440+00000145	32. . 01+00242820	331107+00046450	52. . 07+0003+005
110441+00000146	32. . 01+00249020	332107+00045840	52. . 07+0003+006

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110442+00000146	573. . 1+00350860	574. . 1+72108690	83. . 01+00029227
110443+00000146	32. . 01+00246140	331107+00048881	52. . 07+0004+011
110444+00000147	32. . 01+00248000	332107+00050578	52. . 07+0003+006
110445+00000147	573. . 1+00349000	574. . 1+72602840	83. . 01+00029057
110446+00000147	32. . 01+00235880	331107+00049586	52. . 07+0003+013
110447+00000148	32. . 01+00257260	332107+00051380	52. . 07+0003+011
110448+00000148	573. . 1+00327620	574. . 1+73095970	83. . 01+00028878
110449+00000148	32. . 01+00276950	331107+00051872	52. . 07+0003+006
110450+00000149	32. . 01+00240870	332107+00054759	52. . 07+0003+005
110451+00000149	573. . 1+00363700	574. . 1+73613790	83. . 01+00028589
110452+00000149	32. . 01+00243500	331107+00054763	52. . 07+0003+003
110453+00000150	32. . 01+00230500	332107+00050171	52. . 07+0003+005
110454+00000150	573. . 1+00376700	574. . 1+74087790	83. . 01+00029048
110455+00000150	32. . 01+00232990	331107+00051506	52. . 07+0003+014
110456+00000151	32. . 01+00255880	332107+00041493	52. . 07+0003+006
110457+00000151	573. . 1+00353820	574. . 1+74576660	83. . 01+00030050
110458+00000151	32. . 01+00245610	331107+00050057	52. . 07+0003+005
110459+00000152	32. . 01+00251630	332107+00049411	52. . 07+0003+007
110460+00000152	573. . 1+00347800	574. . 1+75073890	83. . 01+00030114
110461+00000152	32. . 01+00243850	331107+00048132	52. . 07+0003+007
110462+00000153	32. . 01+00254300	332107+00046995	52. . 07+0003+002
110463+00000153	573. . 1+00337350	574. . 1+75572040	83. . 01+00030228
110464+00000153	32. . 01+00235090	331107+00042396	52. . 07+0003+001
110465+00000154	32. . 01+00261160	332107+00044056	52. . 07+0003+012
110466+00000154	573. . 1+00311280	574. . 1+76068300	83. . 01+00030062
110467+00000154	32. . 01+00246450	331107+00049894	52. . 07+0003+010
110468+00000155	32. . 01+00255050	332107+00049832	52. . 07+0003+012
110469+00000155	573. . 1+00302680	574. . 1+76569800	83. . 01+00030068
110470+00000155	32. . 01+00286140	331107+00046298	52. . 07+0003+007
110471+00000508	32. . 01+00256480	332107+00046222	52. . 07+0003+006
110472+00000508	573. . 1+00332340	574. . 1+77112420	83. . 01+00030076
110473+00000508	32. . 01+00227480	331107+00050062	52. . 07+0003+013
110474+00000157	32. . 01+00258860	332107+00047626	52. . 07+0003+015
110475+00000157	573. . 1+00300970	574. . 1+77598750	83. . 01+00030319
110476+00000157	32. . 01+00234240	331107+00049400	52. . 07+0003+007
110477+00000158	32. . 01+00252240	332107+00054060	52. . 07+0003+013
110478+00000158	573. . 1+00282970	574. . 1+78085240	83. . 01+00029853
110479+00000158	32. . 01+00230550	331107+00052201	52. . 07+0003+007
110480+00000159	32. . 01+00255300	332107+00050578	52. . 07+0003+007
110481+00000159	573. . 1+00258210	574. . 1+78571090	83. . 01+00030015
110482+00000159	32. . 01+00231890	331107+00043563	52. . 07+0003+014
110483+00000160	32. . 01+00251890	332107+00044824	52. . 07+0003+012
110484+00000160	573. . 1+00238200	574. . 1+79054880	83. . 01+00029889
110485+00000160	32. . 01+00233330	331107+00050402	52. . 07+0003+014
110486+00000161	32. . 01+00254040	332107+00048488	52. . 07+0003+004
110487+00000161	573. . 1+00217490	574. . 1+79542240	83. . 01+00030081
110488+00000161	32. . 01+00239990	331107+00049446	52. . 07+0003+012
110489+00000162	32. . 01+00250930	332107+00051251	52. . 07+0003+006
110490+00000162	573. . 1+00206550	574. . 1+80033150	83. . 01+00029900
110491+00000162	32. . 01+00236910	331107+00049188	52. . 07+0003+010
110492+00000163	32. . 01+00259070	332107+00048741	52. . 07+0003+007
110493+00000163	573. . 1+00184390	574. . 1+80529130	83. . 01+00029945
110494+00000163	32. . 01+00242910	331107+00047095	52. . 07+0003+014
110495+00000164	32. . 01+00256950	332107+00048325	52. . 07+0003+008
110496+00000164	573. . 1+00170340	574. . 1+81029000	83. . 01+00029822
110497+00000164	32. . 01+00252520	331107+00051564	52. . 07+0003+012
110498+00000165	32. . 01+00257870	332107+00048533	52. . 07+0003+012
110499+00000165	573. . 1+00165000	574. . 1+81539390	83. . 01+00030125
110500+00000165	32. . 01+00261670	331107+00045077	52. . 07+0003+017
110501+00000166	32. . 01+00245040	332107+00049139	52. . 07+0003+012
110502+00000166	573. . 1+00181620	574. . 1+82046100	83. . 01+00029719
110503+00000166	32. . 01+00254720	331107+00050544	52. . 07+0003+007
110504+00000167	32. . 01+00254400	332107+00041474	52. . 07+0003+009

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110505+00000167	573. . 1+00181940	574. . 1+82555220	83. . 01+00030626
110506+00000167	32. . 01+00253950	331107+00055535	52. . 07+0003+014
110507+00000168	32. . 01+00247020	332107+00073651	52. . 07+0003+013
110508+00000168	573. . 1+00188870	574. . 1+83056190	83. . 01+00028814
110509+00000168	32. . 01+00251390	331107+00056907	52. . 07+0003+015
110510+00000169	32. . 01+00247970	332107+00053522	52. . 07+0003+005
110511+00000169	573. . 1+00192290	574. . 1+83555550	83. . 01+00029153
110512+00000169	32. . 01+00255770	331107+00054965	52. . 07+0003+017
110513+00000170	32. . 01+00241420	332107+00049832	52. . 07+0003+009
110514+00000170	573. . 1+00206650	574. . 1+84052740	83. . 01+00029666
110515+00000170	32. . 01+00251180	331107+00051554	52. . 07+0003+010
110516+00000509	32. . 01+00235940	332107+00049643	52. . 07+0003+003
110517+00000509	573. . 1+00221890	574. . 1+84539860	83. . 01+00029857
110518+00000509	32. . 01+00249240	331107+00049959	52. . 07+0003+003
110519+00000172	32. . 01+00242170	332107+00050327	52. . 07+0003+003
110520+00000172	573. . 1+00228960	574. . 1+85031270	83. . 01+00029820
110521+00000172	32. . 01+00258190	331107+00046157	52. . 07+0003+001
110522+00000173	32. . 01+00222540	332107+00049058	52. . 07+0003+003
110523+00000173	573. . 1+00264600	574. . 1+85511990	83. . 01+00029530
110524+00000173	32. . 01+00259610	331107+00054094	52. . 07+0003+008
110525+00000174	32. . 01+00235200	332107+00051318	52. . 07+0003+005
110526+00000174	573. . 1+00289010	574. . 1+86006790	83. . 01+00029808
110527+00000174	32. . 01+00253500	331107+00044600	52. . 07+0003+008
110528+00000175	32. . 01+00245880	332107+00046703	52. . 07+0003+006
110529+00000175	573. . 1+00296630	574. . 1+86506180	83. . 01+00029597
110530+00000175	32. . 01+00255290	331107+00052018	52. . 07+0003+005
110531+00000176	32. . 01+00258880	332107+00050218	52. . 07+0003+007
110532+00000176	573. . 1+00293040	574. . 1+87020340	83. . 01+00029777
110533+00000176	32. . 01+00261470	331107+00048461	52. . 07+0003+015
110534+00000177	32. . 01+00231420	332107+00051942	52. . 07+0003+004
110535+00000177	573. . 1+00323090	574. . 1+87513240	83. . 01+00029429
110536+00000177	32. . 01+00254920	331107+00052625	52. . 07+0003+005
110537+00000178	32. . 01+00247560	332107+00053246	52. . 07+0003+005
110538+00000178	573. . 1+00330450	574. . 1+88015720	83. . 01+00029367
110539+00000178	32. . 01+00245740	331107+00051101	52. . 07+0003+010
110540+00000179	32. . 01+00236470	332107+00052243	52. . 07+0003+004
110541+00000179	573. . 1+00339720	574. . 1+88497920	83. . 01+00029253
110542+00000179	32. . 01+00248140	331107+00050212	52. . 07+0003+010
110543+00000180	32. . 01+00246560	332107+00049096	52. . 07+0003+001
110544+00000180	573. . 1+00341300	574. . 1+88992630	83. . 01+00029365
110545+00000180	32. . 01+00249010	331107+00050986	52. . 07+0003+001
110546+00000181	32. . 01+00243190	332107+00044419	52. . 07+0003+005
110547+00000181	573. . 1+00347120	574. . 1+89484830	83. . 01+00030021
110548+00000181	32. . 01+00251840	331107+00050385	52. . 07+0003+010
110549+00000182	32. . 01+00234750	332107+00048071	52. . 07+0003+001
110550+00000182	573. . 1+00364200	574. . 1+89971420	83. . 01+00030253
110551+00000182	32. . 01+00250790	331107+00053990	52. . 07+0003+001
110552+00000183	32. . 01+00267350	332107+00051867	52. . 07+0003+003
110553+00000183	573. . 1+00347640	574. . 1+90489560	83. . 01+00030465
110554+00000183	32. . 01+00255730	331107+00046606	52. . 07+0003+008
110555+00000184	32. . 01+00250490	332107+00049452	52. . 07+0003+007
110556+00000184	573. . 1+00352870	574. . 1+90995780	83. . 01+00030180
110557+00000184	32. . 01+00272640	331107+00046214	52. . 07+0003+004
110558+00000185	32. . 01+00264250	332107+00049834	52. . 07+0003+005
110559+00000185	573. . 1+00361270	574. . 1+91532670	83. . 01+00029818
110560+00000185	32. . 01+00250130	331107+00039386	52. . 07+0003+006
110561+00000186	32. . 01+00251940	332107+00056026	52. . 07+0003+003
110562+00000186	573. . 1+00359460	574. . 1+92034740	83. . 01+00028154
110563+00000186	32. . 01+00255800	331107+00048244	52. . 07+0003+014
110564+00000187	32. . 01+00257330	332107+00048605	52. . 07+0003+007
110565+00000187	573. . 1+00357930	574. . 1+92547870	83. . 01+00028118
110566+00000187	32. . 01+00251060	331107+00049036	52. . 07+0003+002
110567+00000188	32. . 01+00257620	332107+00051240	52. . 07+0003+002

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110568+00000188	573. . 1+00351370	574. . 1+93056540	83. . 01+00027898
110569+00000188	32. . 01+00252670	331107+00049956	52. . 07+0003+018
110570+00000189	32. . 01+00256150	332107+00050867	52. . 07+0003+013
110571+00000189	573. . 1+00347900	574. . 1+93565360	83. . 01+00027807
110572+00000189	32. . 01+00250250	331107+00049681	52. . 07+0003+004
110573+00000190	32. . 01+00243330	332107+00049552	52. . 07+0003+003
110574+00000190	573. . 1+00354810	574. . 1+94058940	83. . 01+00027820
110575+00000190	32. . 01+00260010	331107+00051597	52. . 07+0003+009
110576+00000191	32. . 01+00245460	332107+00049386	52. . 07+0003+007
110577+00000191	573. . 1+00369370	574. . 1+94564410	83. . 01+00028041
110578+00000191	32. . 01+00253050	331107+00050036	52. . 07+0003+017
110579+00000192	32. . 01+00259450	332107+00051668	52. . 07+0003+006
110580+00000192	573. . 1+00362970	574. . 1+95076910	83. . 01+00027878
110581+00000192	32. . 01+00244640	331107+00054763	52. . 07+0003+000
110582+00000193	32. . 01+00256880	332107+00053362	52. . 07+0003+003
110583+00000193	573. . 1+00350720	574. . 1+95578430	83. . 01+00028018
110584+00000193	32. . 01+00251200	331107+00052257	52. . 07+0003+001
110585+00000194	32. . 01+00260290	332107+00050108	52. . 07+0003+007
110586+00000194	573. . 1+00341640	574. . 1+96089920	83. . 01+00028233
110587+00000194	32. . 01+00250150	331107+00050509	52. . 07+0003+003
110588+00000195	32. . 01+00239240	332107+00048389	52. . 07+0003+008
110589+00000195	573. . 1+00352550	574. . 1+96579310	83. . 01+00028445
110590+00000195	32. . 01+00248550	331107+00048739	52. . 07+0003+009
110591+00000196	32. . 01+00252350	332107+00051057	52. . 07+0003+012
110592+00000196	573. . 1+00348750	574. . 1+97080200	83. . 01+00028213
110593+00000196	32. . 01+00251810	331107+00050661	52. . 07+0003+011
110594+00000197	32. . 01+00256210	332107+00049693	52. . 07+0003+006
110595+00000197	573. . 1+00344350	574. . 1+97588220	83. . 01+00028310
110596+00000197	32. . 01+00250450	331107+00049950	52. . 07+0003+009
110597+00000198	32. . 01+00256260	332107+00050934	52. . 07+0003+011
110598+00000198	573. . 1+00338530	574. . 1+98094930	83. . 01+00028211
110599+00000198	32. . 01+00254010	331107+00049087	52. . 07+0003+005
110600+00000199	32. . 01+00231690	332107+00047487	52. . 07+0003+003
110601+00000199	573. . 1+00360850	574. . 1+98580630	83. . 01+00028371
110602+00000199	32. . 01+00253350	331107+00047150	52. . 07+0003+002
110603+00000200	32. . 01+00252130	332107+00048706	52. . 07+0003+007
110604+00000200	573. . 1+00362080	574. . 1+99086110	83. . 01+00028216
110605+00000200	32. . 01+00265050	331107+00047399	52. . 07+0003+008
110606+00000510	32. . 01+00254460	332107+00048047	52. . 07+0003+006
110607+00000510	573. . 1+00372680	574. . 1+99605620	83. . 01+00028151
110610+00000510	32. . 01+00214900	331107+00049663	52. . 07+0003+005
110611+00000202	32. . 01+00207380	332107+00050133	52. . 07+0003+004
110612+00000202	573. . 1+00007510	574. . 1+00422280	83. . 01+00028104
110613+00000202	32. . 01+00252270	331107+00052973	52. . 07+0003+004
110614+00000203	32. . 01+00244860	332107+00049255	52. . 07+0003+004
110615+00000203	573. . 1+00014920	574. . 1+00919420	83. . 01+00028476
110616+00000203	32. . 01+00263430	331107+00049313	52. . 07+0003+010
110617+00000204	32. . 01+00235360	332107+00050118	52. . 07+0003+010
110618+00000204	573. . 1+00042990	574. . 1+01418200	83. . 01+00028395
110619+00000204	32. . 01+00264220	331107+00049499	52. . 07+0003+006
110620+00000205	32. . 01+00245180	332107+00048313	52. . 07+0003+004
110621+00000205	573. . 1+00062030	574. . 1+01927600	83. . 01+00028514
110622+00000205	32. . 01+00260870	331107+00048968	52. . 07+0003+010
110623+00000206	32. . 01+00233200	332107+00050259	52. . 07+0003+010
110624+00000206	573. . 1+00089700	574. . 1+02421670	83. . 01+00028385
110625+00000206	32. . 01+00264900	331107+00048086	52. . 07+0003+007
110626+00000207	32. . 01+00262650	332107+00049862	52. . 07+0003+003
110627+00000207	573. . 1+00091950	574. . 1+02949220	83. . 01+00028207
110628+00000207	32. . 01+00267620	331107+00051335	52. . 07+0003+012
110629+00000208	32. . 01+00235390	332107+00049988	52. . 07+0003+001
110630+00000208	573. . 1+00124180	574. . 1+03452230	83. . 01+00028342
110631+00000208	32. . 01+00259720	331107+00047793	52. . 07+0003+009
110632+00000209	32. . 01+00233760	332107+00047960	52. . 07+0003+003

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110633+00000209	573. . 1+00150140	574. . 1+03945710	83. . 01+00028325
110634+00000209	32. . 01+00258500	331107+00047217	52. . 07+0003+014
110635+00000210	32. . 01+00253380	332107+00047703	52. . 07+0003+004
110636+00000210	573. . 1+00155260	574. . 1+04457590	83. . 01+00028277
110637+00000210	32. . 01+00243880	331107+00048579	52. . 07+0003+009
110638+00000211	32. . 01+00251910	332107+00046574	52. . 07+0003+011
110639+00000211	573. . 1+00147230	574. . 1+04953370	83. . 01+00028477
110640+00000211	32. . 01+00255800	331107+00044858	52. . 07+0003+006
410641+! 331			
110642+00000211	32. . 01+00254570	331107+00048253	52. . 07+0003+004
110643+00000212	32. . 01+00246510	332107+00047540	52. . 07+0003+012
110644+00000212	573. . 1+00155280	574. . 1+05454450	83. . 01+00028548
110645+00000212	32. . 01+00253960	331107+00049942	52. . 07+0003+012
110646+00000213	32. . 01+00247490	332107+00051120	52. . 07+0003+004
110647+00000213	573. . 1+00161760	574. . 1+05955910	83. . 01+00028431
110648+00000213	32. . 01+00254010	331107+00050595	52. . 07+0003+003
110649+00000214	32. . 01+00264620	332107+00055517	52. . 07+0003+003
110650+00000214	573. . 1+00151150	574. . 1+06474540	83. . 01+00027938
110651+00000214	32. . 01+00158870	331107+00046480	52. . 07+0003+010
110652+00000511	32. . 01+00137160	332107+00061824	52. . 07+0003+003
110653+00000511	573. . 1+00172860	574. . 1+06770570	83. . 01+00026404
110654+00000511	32. . 01+00190920	331107+00064466	52. . 07+0003+004
110655+00000216	32. . 01+00188030	332107+00037686	52. . 07+0003+012
110656+00000216	573. . 1+00175750	574. . 1+07149510	83. . 01+00029082
110657+00000216	32. . 01+00200900	331107+00042953	52. . 07+0003+010
110658+00000217	32. . 01+00194260	332107+00043900	52. . 07+0003+010
110659+00000217	573. . 1+00182390	574. . 1+07544670	83. . 01+00028987
110660+00000217	32. . 01+00182260	331107+00047538	52. . 07+0003+010
110661+00000218	32. . 01+00192450	332107+00047969	52. . 07+0003+005
110662+00000218	573. . 1+00172200	574. . 1+07919380	83. . 01+00028944
110663+00000218	32. . 01+00206350	331107+00046430	52. . 07+0003+004
110664+00000219	32. . 01+00206770	332107+00045883	52. . 07+0003+008
110665+00000219	573. . 1+00171780	574. . 1+08332510	83. . 01+00028999
110666+00000219	32. . 01+00192370	331107+00046553	52. . 07+0003+004
110667+00000210	32. . 01+00191600	332107+00047515	52. . 07+0003+006
110668+00000210	573. . 1+00172550	574. . 1+08716480	83. . 01+00028903
110669+00000210	32. . 01+00182500	331107+00047565	52. . 07+0003+013
110670+00000211	32. . 01+00179980	332107+00046822	52. . 07+0003+008
110671+00000211	573. . 1+00175070	574. . 1+09078960	83. . 01+00028977
110672+00000211	32. . 01+00197250	331107+00048736	52. . 07+0003+005
110673+00000222	32. . 01+00206450	332107+00051400	52. . 07+0003+004
110674+00000222	573. . 1+00165870	574. . 1+09482660	83. . 01+00028711
110675+00000222	32. . 01+00196760	331107+00050475	52. . 07+0003+005
110676+00000223	32. . 01+00205610	332107+00049390	52. . 07+0003+007
110677+00000223	573. . 1+00157020	574. . 1+09885030	83. . 01+00028819
110678+00000223	32. . 01+00176790	331107+00046559	52. . 07+0003+009
110679+00000224	32. . 01+00200510	332107+00056798	52. . 07+0003+008
110680+00000224	573. . 1+00133300	574. . 1+10262320	83. . 01+00027795
110681+00000224	32. . 01+00208140	331107+00059916	52. . 07+0003+009
110682+00000225	32. . 01+00197350	332107+00048246	52. . 07+0003+012
110683+00000225	573. . 1+00144090	574. . 1+10667810	83. . 01+00028962
110684+00000225	32. . 01+00194720	331107+00045419	52. . 07+0003+005
110685+00000226	32. . 01+00202630	332107+00045589	52. . 07+0003+009
110686+00000226	573. . 1+00136170	574. . 1+11065170	83. . 01+00028945
110687+00000226	32. . 01+00199690	331107+00046296	52. . 07+0003+006
110688+00000227	32. . 01+00207210	332107+00045669	52. . 07+0003+007
110689+00000227	573. . 1+00128660	574. . 1+11472070	83. . 01+00029008
110690+00000227	32. . 01+00196400	331107+00045333	52. . 07+0003+006
110691+00000228	32. . 01+00173560	332107+00052223	52. . 07+0003+006
110692+00000228	573. . 1+00151500	574. . 1+11842030	83. . 01+00028319
110693+00000228	32. . 01+00072350	331107+00038252	52. . 07+0003+003
110694+00000512	32. . 01+00058560	332107+00069762	52. . 07+0003+004
110695+00000512	573. . 1+00165290	574. . 1+11972940	83. . 01+00025168

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