

Case Study -

GPS

: webmaster@mygps.co.kr

GPS가 . Plotter 가 GPS
 가 .

1. GPS

1-1.

가

- GPS 310 : Mark -> -> Enter , Enter
- Sportrak : Mark() -> Enter ...-> SAVE LMK -> Enter
- Jcom GPS : Mark -> -> SAVE
- GPSPDA : G Key -> -> .

가

1-2.

- GPS-310 : GOTO -> -> GOTO

- Sportrak : GOTO() -> USER ,Enter->
-> Enter
- Jcom GPS : Page GPS MENU -> WAY POINT ->
, Enter -> GOTO
- GPSPDA : -> -> Go

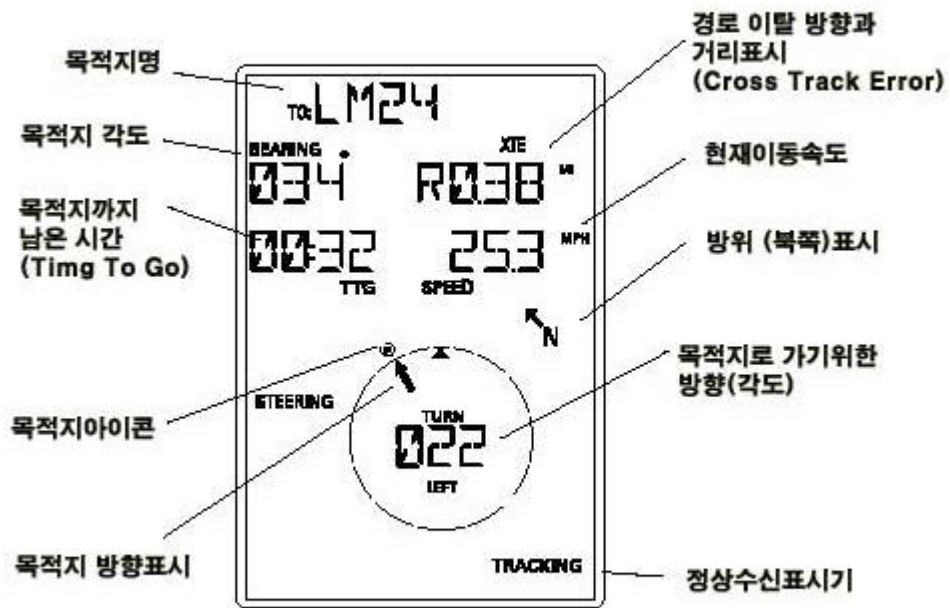
GPS

GPS

()

가

목적지가 설정된 또다른 NAV화면



가

GPS GPS-310

가

가



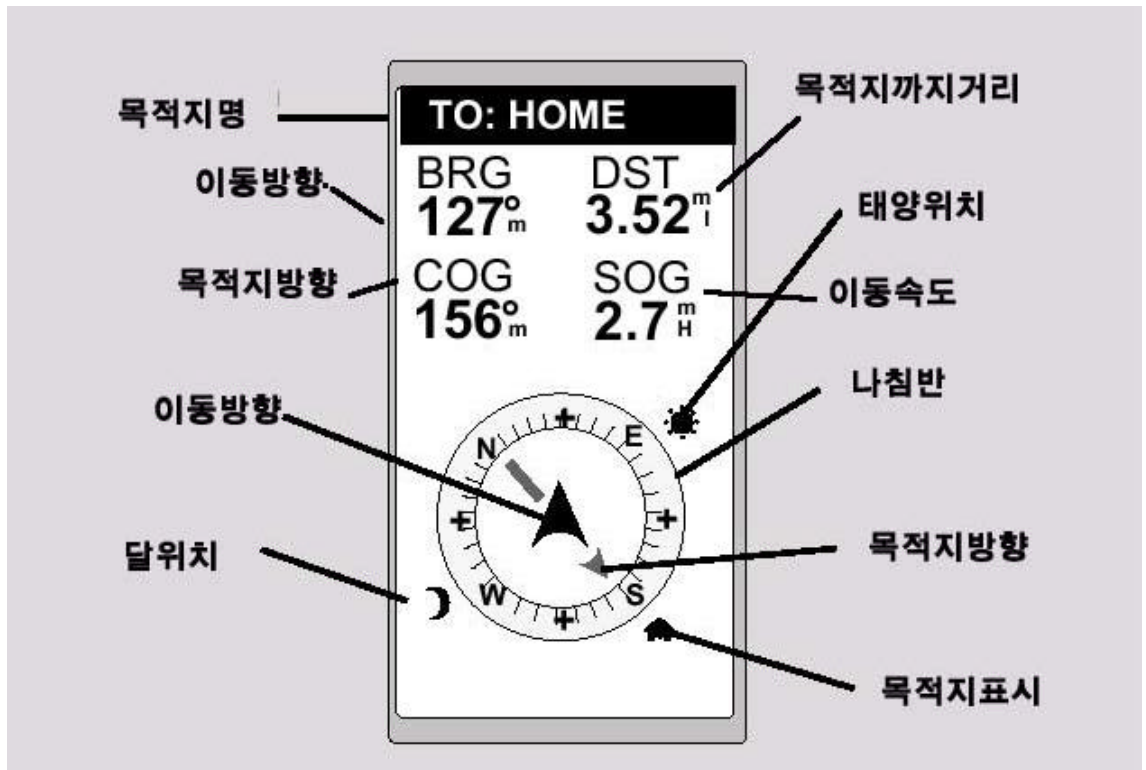
JFK-2002

(2m)가

001

N

GPS



Sprotrak

GPS



GPSPDA

가

80m

TTG (Time To GO)

1

1

가

GPS가

가

가

(

)

가

1-2.

가

가

가

가

PC

ALMAP

가

PC

가

<http://www.almap.co.kr>

가

가

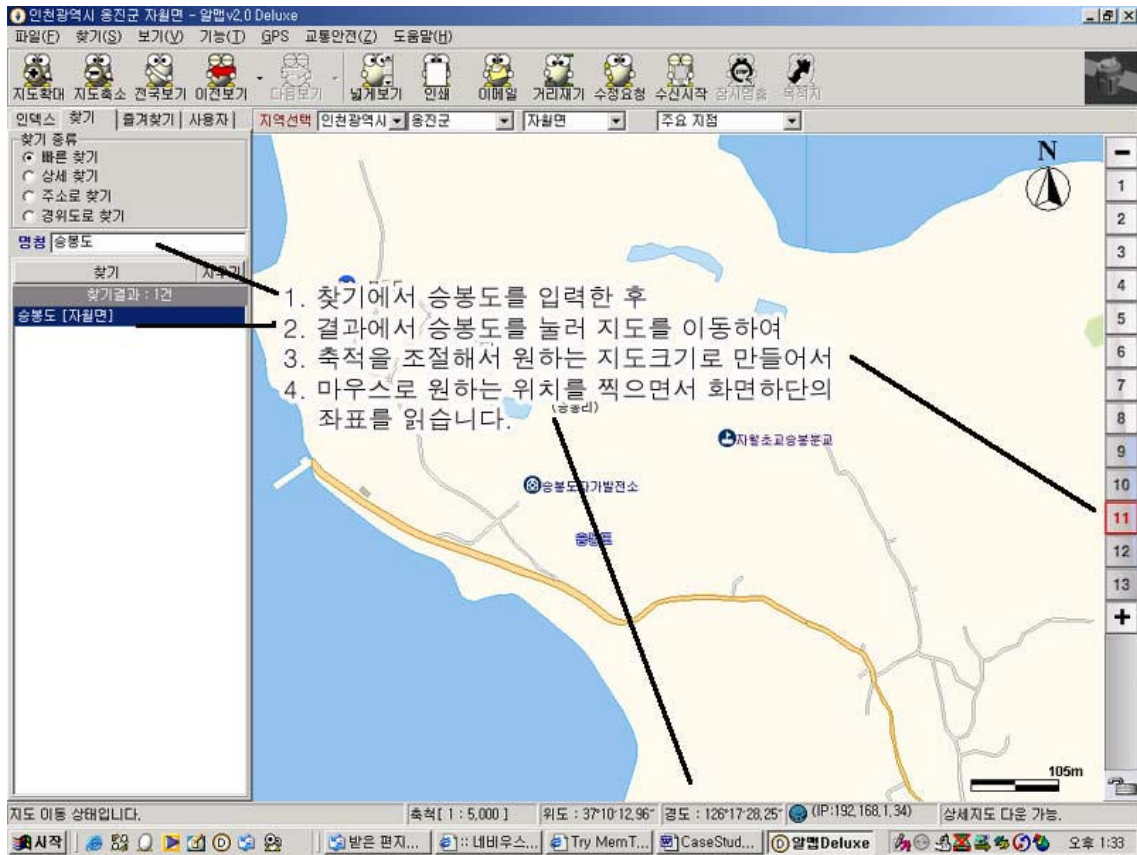
가

가

(

9

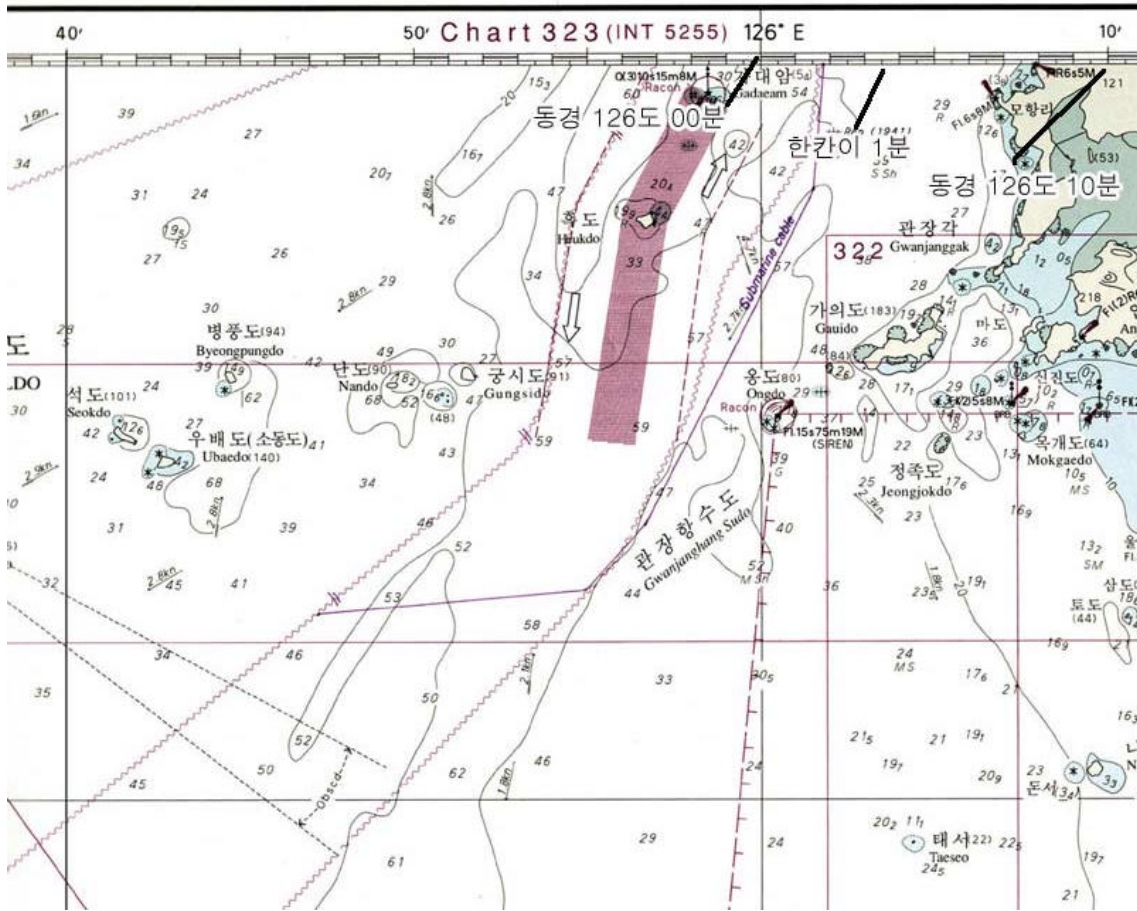
)



WGS-84

가 가 가

2003 WGS-84() TOKYO Datum()
 GPS , 2003 WGS-84



126 (126E, E East,)

10

1

1 60

, 1 10

60



126 1 70 % 가
 126 1.7 DDD MM.MM() 가 , ,
 60 0.7* 60 = 42 가
 GPS DDD MM.MM
 126 1.7 .

** 126 1.7 (DDD MM.MM) = 126 1 42 (DDD MM SS)

가 가 , GPS 가

geoquestmate Oziexplorer

GPS Track Maker

PC

Oziexplorer CE

PathAway

PDA

TM

PDA

2. Track

GPS

가

()

Track

가 GPS

가

GPS-310

GPS

가

Track back

- GPS310 : Track

Track

- Jcom GPS :

Enter Save Trip

GPS Manu

Track

TRCKBACK

- : Route

TrackBack

- GPSPDA :

G

Go

**

가

가

3.

()

Way

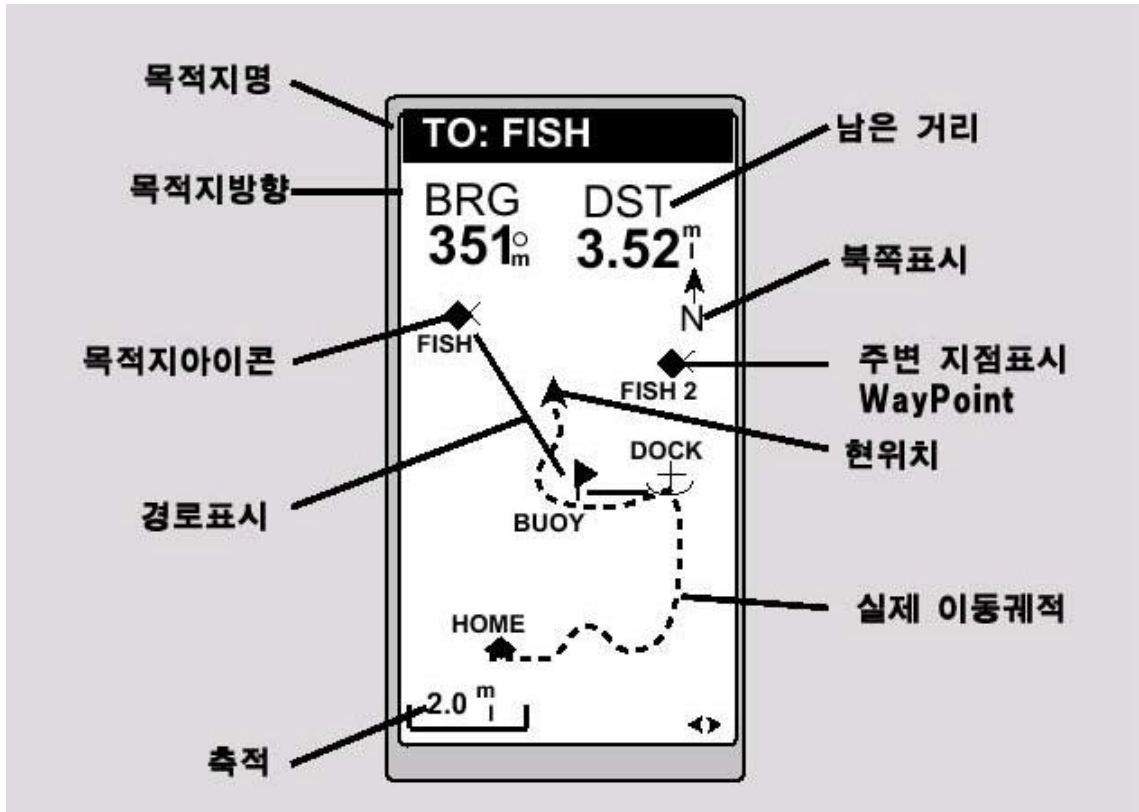
Point()

가

GPS

Plot

가



Plot

가

PAN-N-SCAN



GPS PDA

가

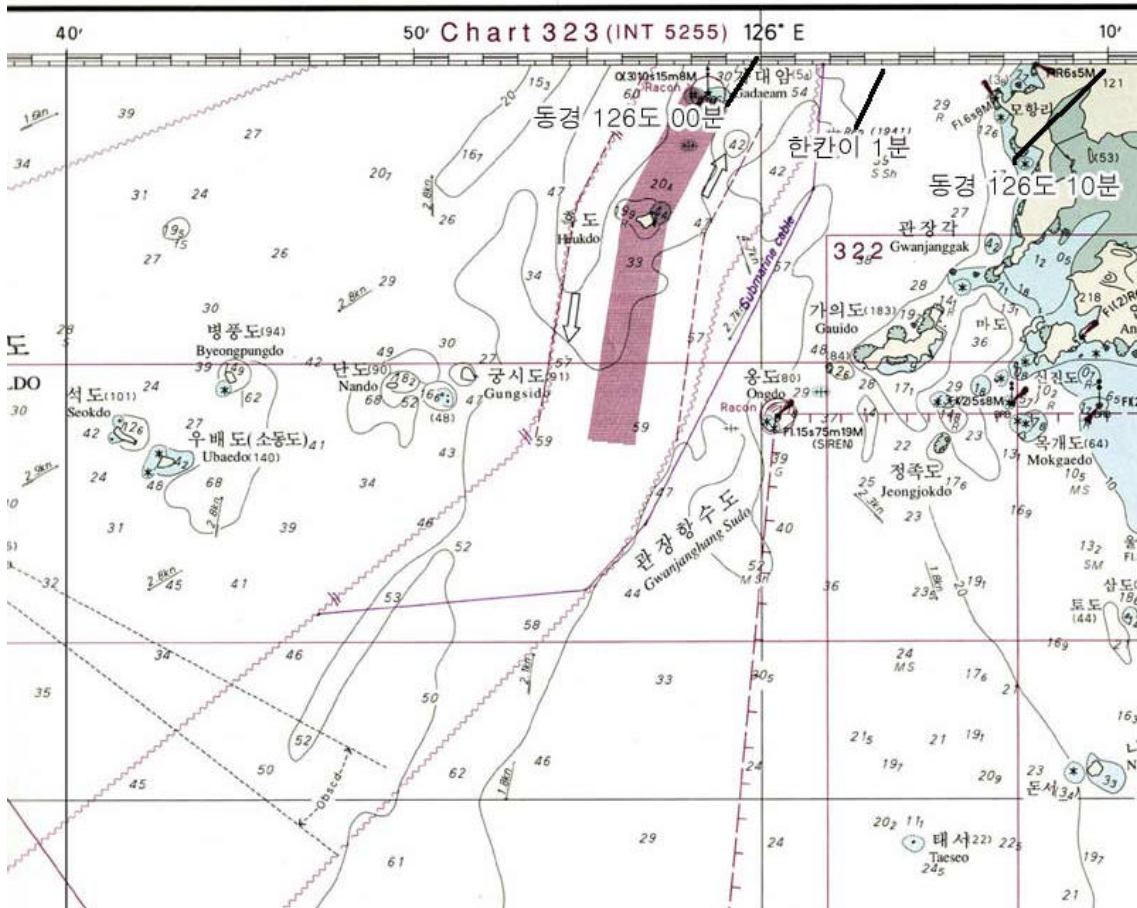
4. - PDA

PC

4-1.

가 가

. 1:250,000



1:250,000

JPG BMP

()

PDA

가

가

2-4

GPS

GPS

- PDA .

PDA (Oziexplorer) Palm PDA가 가 , Map Software 가 Windows CE
 가 (PathAway) PDA
 가 PDA 가

PathAway Oziexplorer CE
 Oziexplorer PC 가 PDA , Pathaway
 PDA PC . Pathaway

Palm OS Palm Vx Palm 505 PDA
 Pathaway
 iPaq PDA Pathaway ,
 Oziexplorer .
 , WindowsCE
 (DPA Windwos CE)

Oziexplorer Pathway

	Pathway	Oziexplorer CE	
	Palm O.S	Windows CE	
가	49.95\$	PDA 25\$ PC 75\$	
	, ->	: 2-4 point Demo : 2	
GPS interface	Magellan , Garmin Down Load Upload	Magellan , Garmin Download 가 Upload 가	
NMEA Interface	Yes	Yes	
	Yes	Yes	
	Yes	Yes	
	Yes	Yes	
	Yes	No	,
가 PDA	Palm(Vx,,500, m505,) Sony Clie	Ipaq	

- ()

PC

*.JPG , *.GIF , *.BMP

GPS

GPS

, PDA 가
Pathway Oziexplorer . 가

-

A4

, 가

가

가

A3

1.

2.

3.

(가 2MB PDA .)

-

(Oziexplorer)

PashAway

Oziexplorer

. Oziexplorer PC

가

,

BMP

가

4

가

2

가

Oziexplorer Download

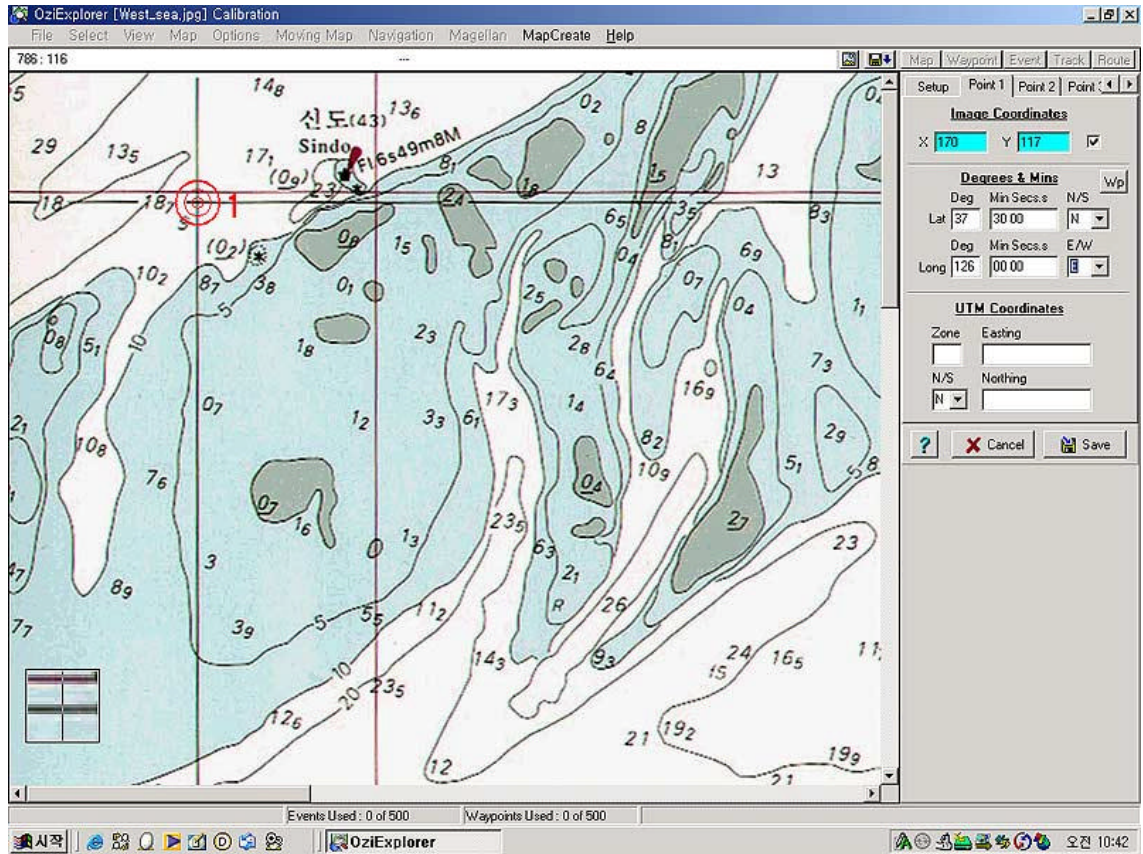
http://216.218.220.254/eng/downloads/395/oziexp_setup.exe

<http://www.oziexplorer.com> 가

PC

File -> Load and Calibration Map

** . BMP 가 JPG GIF 가



1

POINT1

Point1

1

가

Degree&Min

가 (N)

(E)

N

E

WGS -84가

TOKYO

() , WGS-84 ()

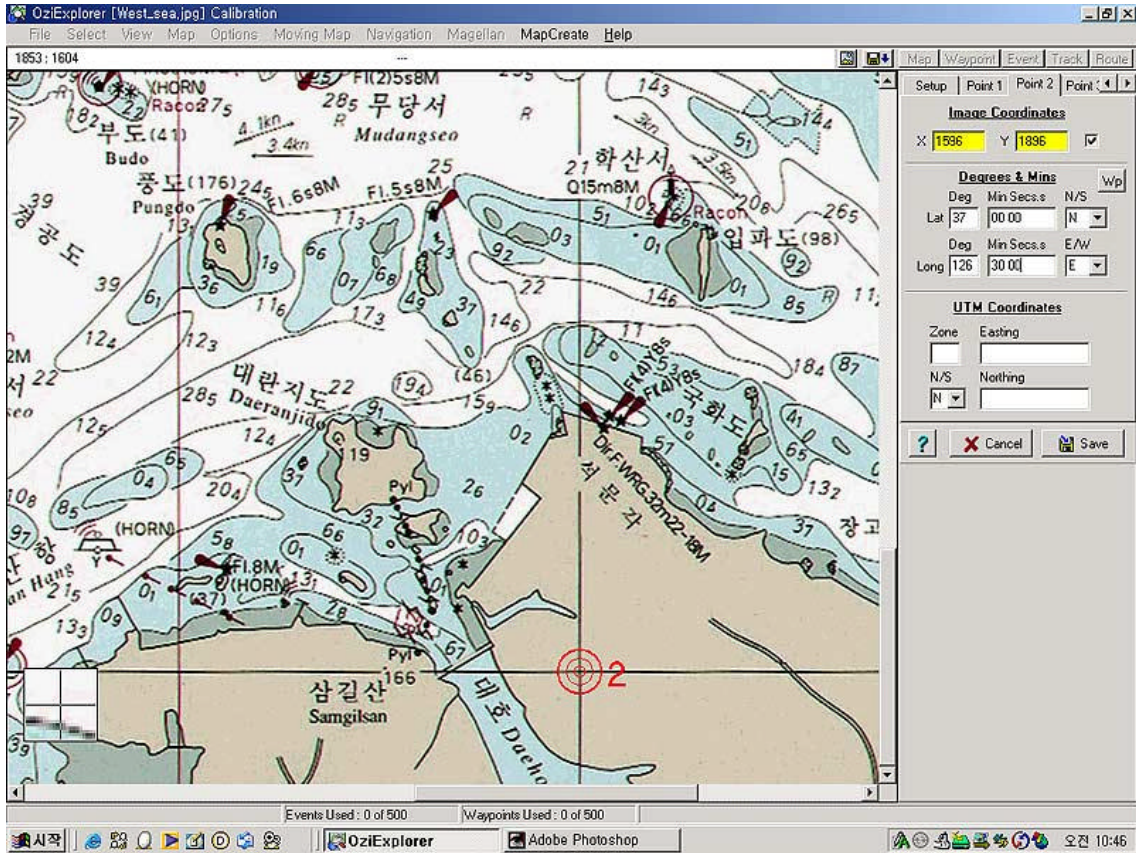
37 30 00 126 00

00

(Point 1 , Point 2

, 가

.)



Point2

wGS - 84

SAVE

가

Point3, Point4

Point

SAVE

Oziexplorer PC

가

X

Oziexplorer

가

가

가

Waypoint(Landmark)

Route

GPS

Upload

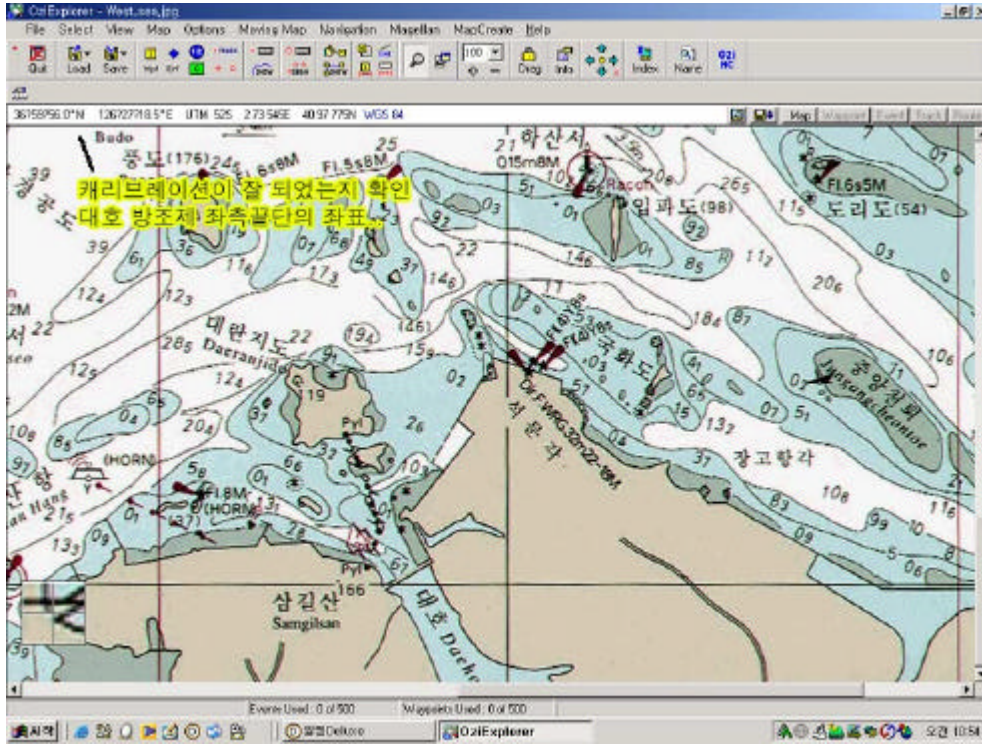
가

ALMPA

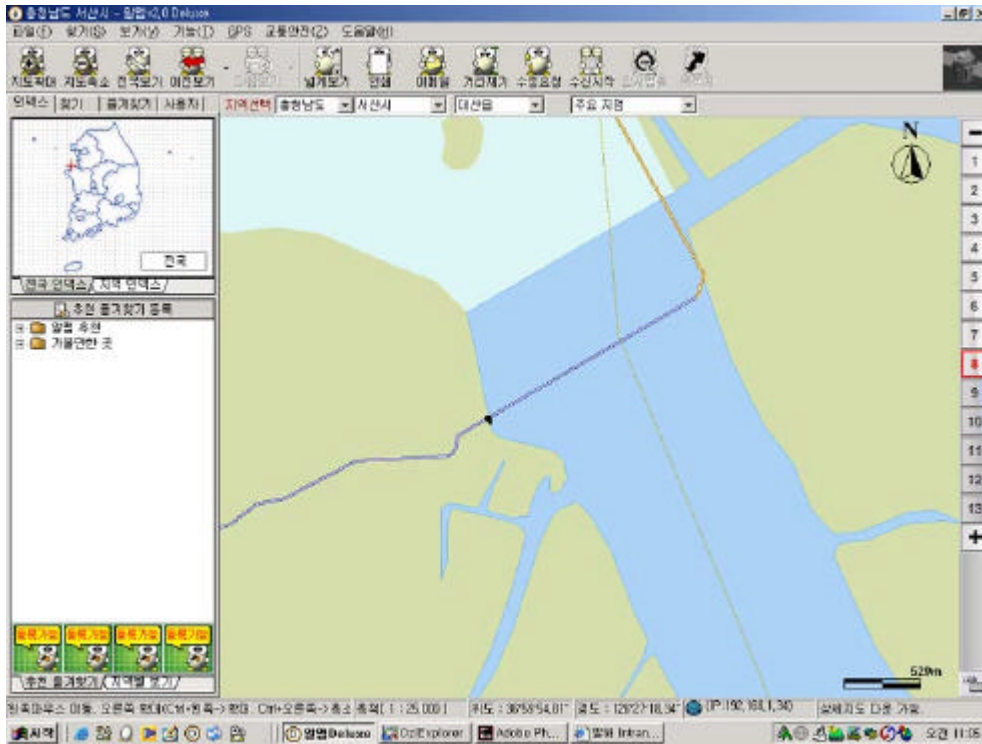
()

GPS

GPS



. 37 59 56N 126 27 18.5E



37 59 54.81 E 126 27 58.34

가

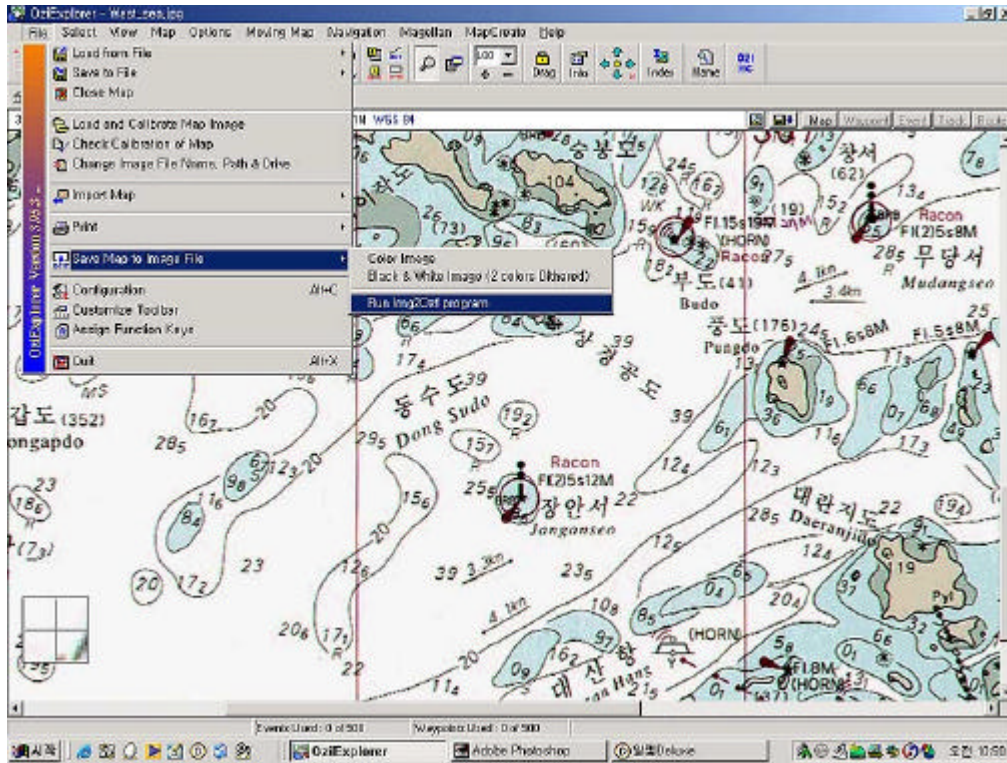
가 1:250,000

가

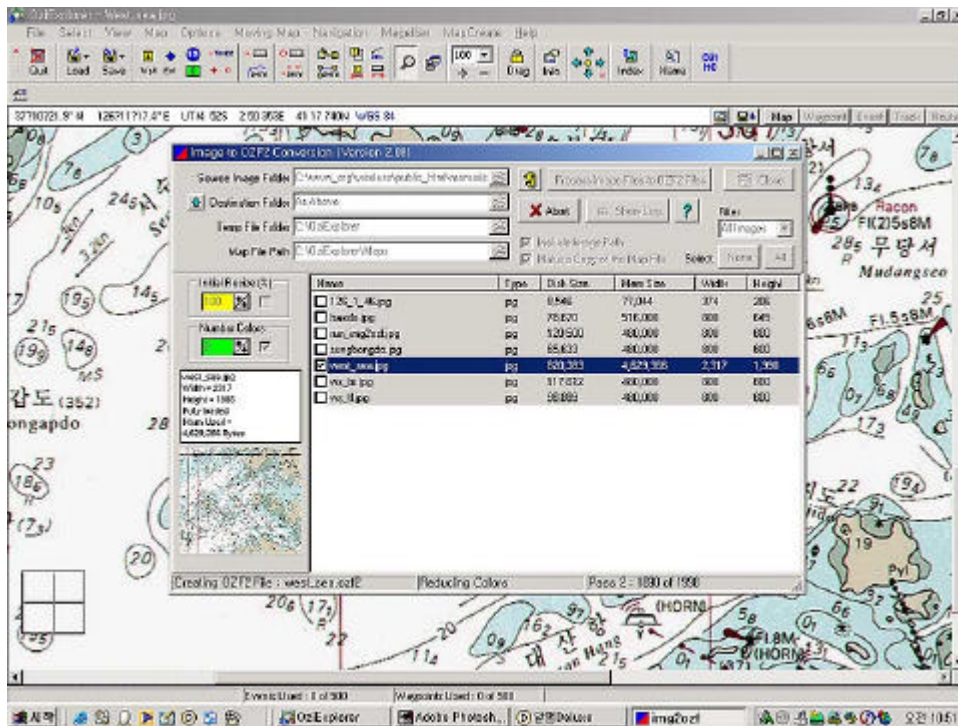
PDA

img2ozf

PDA



File -> Save Map Image -> Run img2ozf



Process..

PDA

GPS

GPS

Source Image Folder 가 ,

Calibration

Destination Folder As Above (Source Image Folder)

Temp Folder Map File Path . Map

File Path 가

Name (BMP,JPG) Process image File

to OZF2 Files 가 가 *.ozf2

Ozf2 Map PDA Oziexplorer/MAP

PDA 가

Microsoft Active Sync PDA PC ->

Oziexplorer/MAP (Drag) 가



Magellan Sportrak PDA(HP2210)

GPS

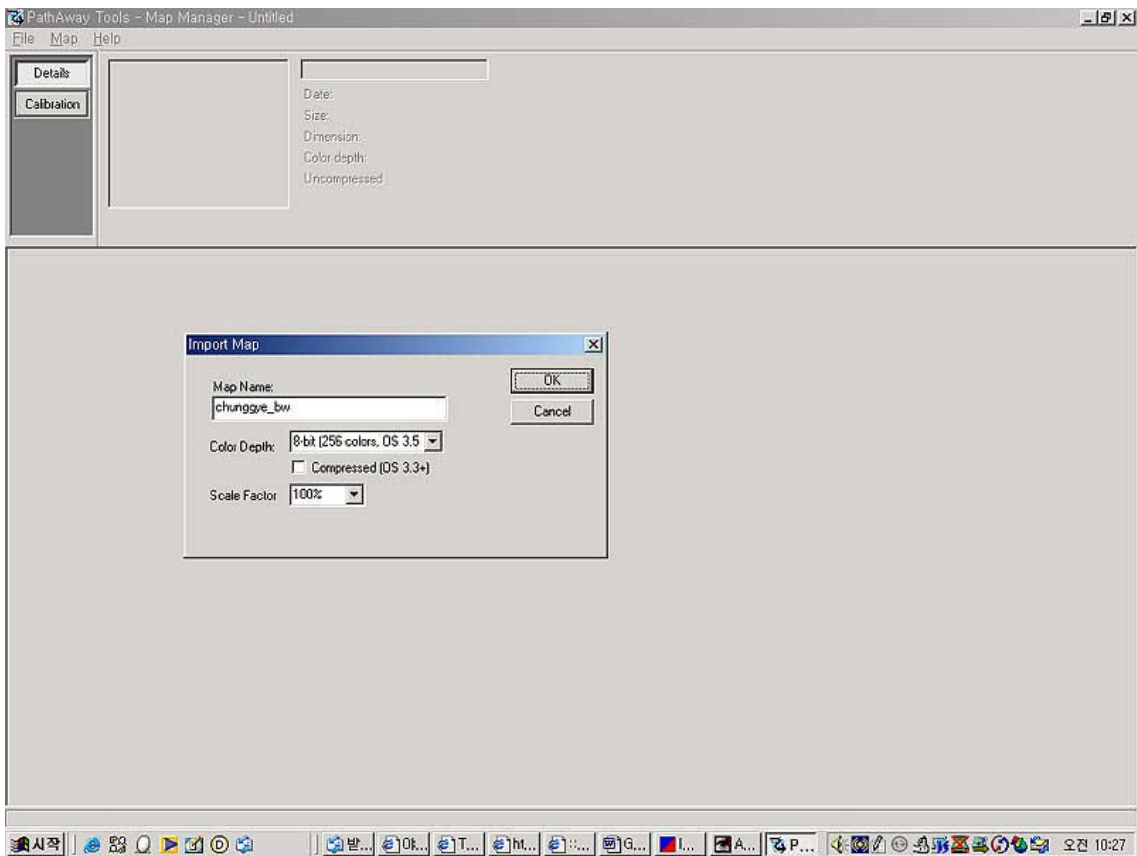
GPS

PDA 가 ,
 . PDA
 GPS
 가 가 PDA
 , GPS ,
 GPS가 GPS PDA GPS
 , PDA
 PDA 가 GPS
 - PathAway ()

PathAway

PathAway Map Manager

<http://pathaway.com/download.htm>



Pathaway Map Manager

File -> Import New Map

. (BMP JPG)

Gray Scale

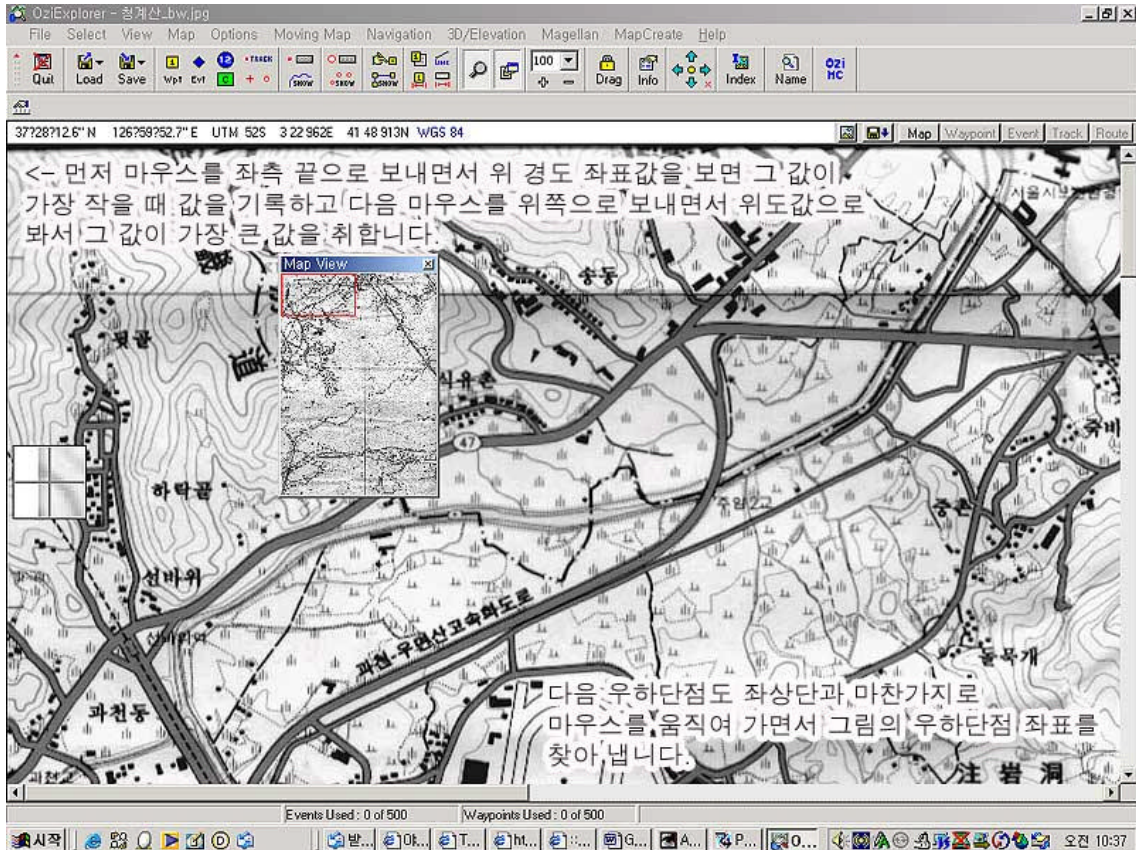
Pathway map Manager Oziexplorer

PC

Oziexplorer

, PathWay Map Manager

Oziexplorer



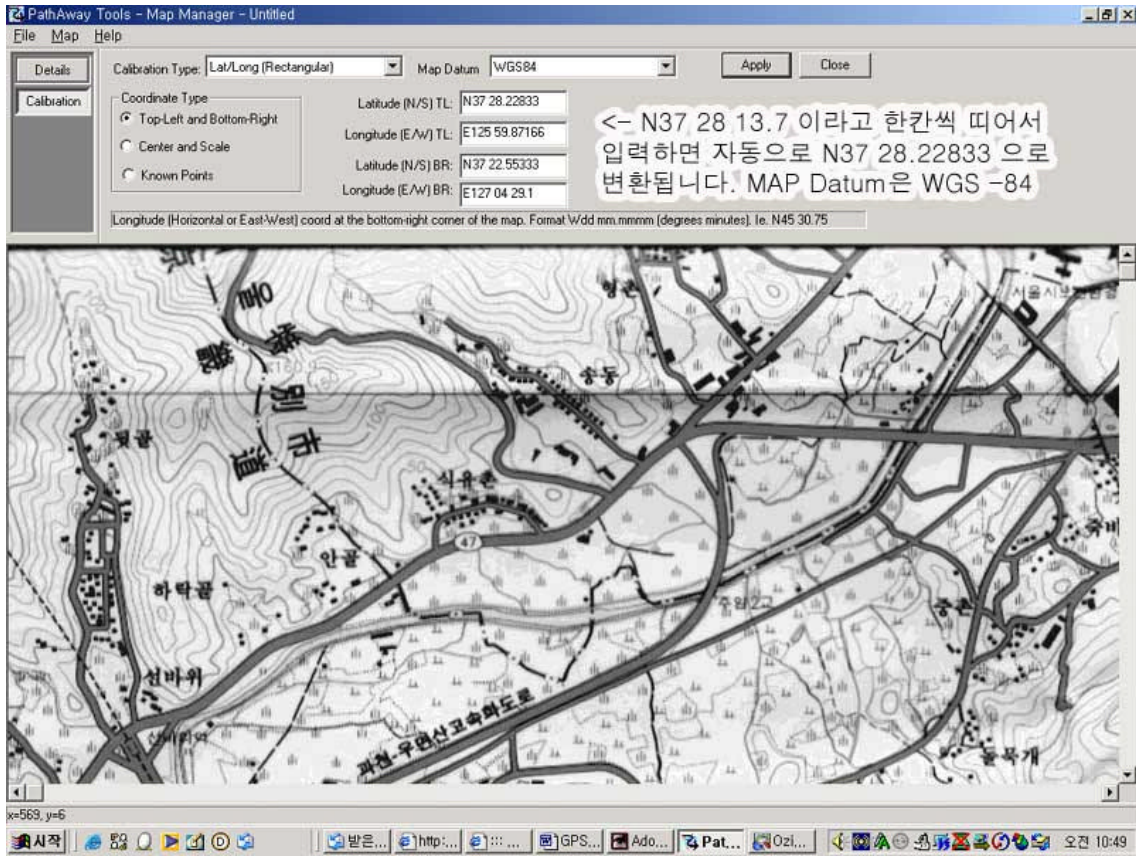
N37 28 13.7 E126 59 52.3

N37 22

33.2 E 127 04 29.1

Pathway map manager

<http://www.mygps.co.kr>



Oziexplorer

(Top Left)

(Bottom Right)

, N37 28 13.7

가

(N)

(E)

Apply

File -> Save Pathway

Palm application

MAP -> Change color Depth

6.4MB

가 2Bit 4Grey

1.6MB

PDA가 Palm Vx

PDA

가

PDA

가

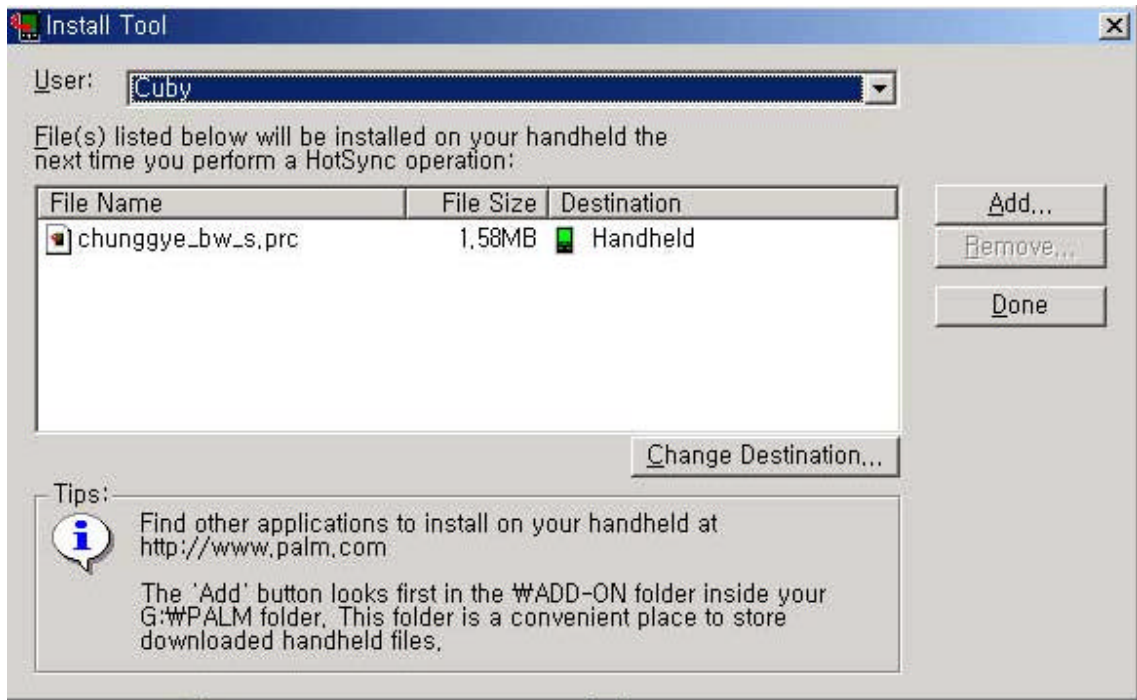
1:100,000

1:25,000

PathAway

1:100,00 가 가 1:25,000
 가 1
 , , 1:25,000 3 가

가
 Palm PDA(, Palm) *.prc
 PDA Hot Sync PDA



Chunggye_bw_s.prc PDA
 , PDA Hot Sync ? 가 가

pathAway Menu -> Options -> Maps
 Show 가

SJ-33 PDA
 SJ-33 가 (30)
 가

PathAway 가 (: , , , , ,)
 PathAway <http://www.clien.net/>
 가 Path
<http://www.mygps.co.kr>