WPTHDR

Member Name	Type	Note
id	DWORD	WPT_HDR_ID. 0x5C38A600.
num	short	Current number of waypoints.
next	short	Next number of waypoints.

idx	short	`Waypoint[WaypointHeader.idx[0]].name`
		e.g.
		`WptHdr.idx[0] = 2`
		`Wpt[2].name = 'W003'`
		`/* first way point in the header is the 3rd`
		`waypoint of all waypoints. Its name is W003 */`
		Default value is −1.
		An array of shorts with MAXWPT elements.
		MAXWPT = 500.

used	BYTE	Have the matched waypoint been used (0xFF)? Default is 0. An array of BYTE with MAXWPT elements.

WPT

Member Name	Type	Note
name	char	Waypoint name. An array of 8 char.
comment	char	Comment. An array of 12 char.
pt	POINT	Waypoint location.
date	int	Date.
time	int	Time.
usecount	short	Counter: number of times used by routes.
checked	char	Whether active or not.

RTEHDR

Member Name	Type	Note
id	DWORD	RTE_HDR_ID. 0xD87F5900.
num	short	Number of routes.
next	short	Next number of routes.

idx	short	`Wpt[WptHdr.idx[stRte[stRteHdr.idx[0]].wptidx[1]]].name`
		e.g.
		`stRteHdr.idx[0] = 2`
		`/* first route in the route header is the 3rd route of`
		`all routes */`
		`stRte[2].wptidx[1] = 9`
		`/* 2nd element of the 3rd route is the 10th waypoint`
		`in the 3rd route */`
		`WptHdr.idx[9] = 4`
		`/* first way point in the header is the 5th`
		`waypoint of all waypoints. */`
		`Wpt[4].name = 'W010'  // Its name is W010`
		Default value is −1.
		An array of shorts with MAXRTE elements.
		MAXRTE = 20.

used	BYTE	Have the match route been used (0xFF)? Default is 0. An array of shorts with MAXRTE elements.
rteno;	short	Save navigation route number here.

RTE

Member Name	Type	Note
name	char	Route name. An array of 8 char.
comment	char	Comment. An array of 12 char.
wptnum	short	Number of waypoints in current route.
wptidx	short	An index of a waypoint in the entire waypoint list. An array of shorts with MAXWPTINRTE elements. MAXWPTINRTE = 30.
reserved	short	
date	int	Date.
time	int	Time.

POINT

Member Name	Type	Note
x	int	x coordinate of a point.
y	int	y coordinate of a point.

Total size: 32K

0x00000

Waypoint header (1508 bytes)
Waypoints 40 byte/waypoint Counts: MAXWPT = 500 Total size: 20,000 bytes
Route header (72 bytes)
Routes 92 byte/route Counts: MAXRTE = 20 Total size: 1840 bytes

0x05404