

SOB Release Notes

SOB Release 8 : "SOB+GRIB" (14th June 2007)

This includes all changes since v7.65

REVISION = ".7.67" 4 APR 2007

- Fixing tooltips on Chart Toggle toolbars
- Track CPA (on targets form, is now show/hide CPA vectors)
- Fixed "XTE warning cancelled" text
- Updated copyright to "2007" on Version Info and About SOB form

REVISION = ".8" FIRST GRIB COMPATIBLE VERSION

'About SOB' form

Added more diagnostic info to 'About SOB' text

Added check for chart files in About SOB text when reading license codes from registry, in the list, the :: is replaced with a = if the chart file is also found in either the SOB or CMAP charts folders.

Support for GpsGate Online

- URL/IP Address: online.gpsgate.com, port 30175
- Supports Ownship Position uploading and buddies positions downloading
- WAN URL = "online.gpsgate.com", then the GpsGate username/pwd fields become visible
- Will upload ownship position only if valid GPS is received in SOB

Support for Raymarine LifeTag (personal MOB device)

- Will be ignored if a MOB is active in SOB
- Must be manually cancelled using SOB MOB toolbar button
- MOB Wpt will not be added if wpt with lat/Ing exists in wpt list

Changes to Tides feature

- Added Tide Table option (displayed in NotePad)
- Fixed Tide rate
- Added date display to wave graph
- Tide interval changed from 15min to 10min increments

Targets

- Added support for new AIS msg 24 (Class B static data)
- Fixed updating of Ship status, dimensions, Class B ship names
- Added "Class/Type" column to Target list
 - A or B for Class A & B vessels
 - N for Navaid
 - P for Base Stations
 - S for SAR craft (Search & Rescue – SAR planes may be transponding marine-band AIS inf)
 - G for GpsGate Buddy

- D for DSC target
- Added DSC Position Polling reports from VHF radios as targets
The DSC equipped VHF radio must a GPS connected and your MMSI number programmed in, and must output the DSC/DSE NMEA sentences. Some radios must be manually enabled to send position reports.
- DSC Distress messages will sound an alarm and details printed to the purple Messages panel
- Targets with no cog/sog/hdg data are drawn as squares (except Nav aids, RADAR which are drawn as circles)
- Targets list will be shown with the tracked target pre-selected in the list
- Double-click a target in the list to make it the tracked target
- Temporary function for Touch-Screen users:
While in Auto-pan-mode: clicking a target will set this as the tracked target (instead of panning)

WPT Import

Full support for SHAPE column added when importing a wpt list.

- The SHAPE must be one of the SOB WPT codes (see User Manual)
- Doesn't matter the order of NOTES & SHAPE, but they must come after NAME, LAT, LNG.
- SHAPE heading can also be SH
- NOTES heading can be NOTE*, DESC*, or COMMENT*

Keyboard shortcuts added

- Ctrl-M for MOB
- Ctrl-A
- Ctrl-T
- etc etc (TBA)

Misc & Bug Fixes

- *** CHANGED TRIAL TIME ***
Unregistered trial now 1 month, registered trial is 3 months
- Nag-screen when Trial Time expired, SOB will enable LITE version if not Licensed
- Fixed sleep/wake freezing problem (related to COM ports):
On SUSPEND all COM ports are closed,
On WAKE ports are re-opened
- Fixed small bug in Replay File, where last few sentences were being missed
- Added start-up check for background chart file (WWM..DLL). If this file is not present then NO charts are displayed in SOB
- Changed F3 toolbar back to raised buttons
- Default Spot Soundings = ON (quickly shows new chart owners that detail is present)
- Fixed link to QuickStart Card on F1 form
- Stopped the auto disable of AllowOverZoom when MixLevels ON
- Changed zoom window, doesn't maintain aspect ratio anymore,
- Fixed a XTE quirk with Active Route, improved MSG display with N2D wpts and rtes
- Fixed a pastrack problem, spd/hdg were not being logged if one was zero

- Fixed watertemp value wasn't logging
- Previously, the size of the general hit rectangle was a fixed 25 pixel in size, it is now a function of screen size, so for very large screen resolutions the hit size doesn't shrink too small.
The Hit Rectangle is now calculated as 1/41 of the X pixel resolution (so $1024/41 = 25$ which was original & default size)

Support for 4x COM Ports

This is for advanced users only. There is no user interface supporting the additional two COM ports.

The following registry entries must be manually added to enable the extra ports:

HKEY_CURRENT_USER\Software\SoftwareOnBoard\sob

- COMM Port3 (DWORD)
- COMM Baud3 (DWORD)
- COMM Port4 (DWORD)
- COMM Baud4 (DWORD)

These ports are opened at Startup if the registry entries are found, status is shown on the Purple Messages VP.

GRIBS

GRIB component is not covered in these notes, please refer to the new User Manual Chapter:

After setup, there's a link on your Desktop and the GRIB Chapter PDF is installed to your X:\SOBvMAX\ folder.

SOB+GRIB requires an update to the C-Map library DLL (cmWin32.DLL r6.2.2.20). This is installed with SOB+GRIB and is backward compatible with SOBvMAX.

Middle window drag pre-selects GRIB cell area if GRIB is visible

GRIB Tree build delayed until File Dlg is first shown
GRIB File form wont open unless trial or paid user

TODO: "Wave and Sea Height" GRIB data type is temporarily disabled

... adding "Simple MAPI" support

English	v8
French	TBA
Dutch	TBA
Italian	TBA
Norwegian	TBA

German, Polish, Russian due late 2007