

HANNEL
STRAIT

IN METRES
00000 at lat 50°00'N
and approximately to Lowest

lined figures are drying heights,
above Chart Datum; all other
figures are based on the Ordnance
Survey Datum.

is taken from British and French
charts. The topography is taken chiefly
from the Institut Géographique

WIRE POWER CABLE
Warning not to anchor or
obstruct the cross-Channel
cable and to no account to cut this
cable.

GENERAL
DIRECTION
OF BUOYAGE
CHART



maritek

**NAVIGATION
MADE EASY**



ENGLISH CHANNEL DOVER STRAIT

DEPTHS IN METRES

SCALE 1:200 000 at lat 50° 00' N

Depths are in metres reduced approximately to Lowest Astronomical Tide.

Heights are in metres. Underlined figures are drying heights, in metres and decimetres, above Chart Datum; all other heights are above Mean High Water Springs.

Projection: Mercator. Positions are based on the Ordnance Survey of Great Britain (1936) Datum.

Authorities: Hydrography is taken from British and French Government surveys to 1971. The topography is taken chiefly from the Ordnance Survey and the Institut Géographique National.

CROSS-CHANNEL POWER CABLE

Mariners are warned not to anchor or trawl in the vicinity of the cross-channel power cable, and on no account to cut this cable should it be fouled.



Now with more features than ever, this range of programs is simple to use and much faster than traditional methods, yet you do not require to have any prior computer knowledge or skills. The Maritek programs take full advantage of the renowned PSION ORGANISER II pocket computer. This machine has enormous data storage capacity for its size. It can also be your diary, alarm, and personal organiser. The computer may be used daily for a multitude of tasks, ashore and afloat, business and domestic, financial and technical. There is a huge range of ready made programs and accessories, and of course you may program it yourself. A compact printer is available which is most useful with the Coastal Navigation and Race Management programs.



COASTAL NAVIGATION

It's a complete passage planning, navigation, logging and analysis system. You can create a library of waypoints and marks (an unlimited number) with descriptions of up to 230 characters. There is a "find" facility so you can use it to help you identify marks. Compile and store any number of passage plans by selecting from the library of waypoints in any desired sequence; add, rearrange and sort at will. Determines distances, bearings, compass course to steer, automatically adjusting for deviation, variation, leeway, tides and currents. During the passage the computer will store all relevant data in a log and compute and display your position, speed distances and bearings. The log holds date, time, position, distance reading, course, wind, leeway, tidal stream and rate, as well as any narrative you may wish to key in. Data can be viewed anytime or printed for convenience. Ideal for comparing different route plans, making quick changes, race planning. Prints show ETA, tacking angle, ground speed, all other input, computed and narrative data. Provides a fast and reliable method of determining position independently of transmitted signals.

- * Use worldwide
- * Completely portable
- * Ready made waypoint libraries available for many areas, each having at least 100 waypoints, with space to add your own.
- * Use independently or as valuable enhancement to Decca/Loran.
- * Easy to use above and below deck.
- * A superb planning tool and permanent record of your passage.

The Maritek programs are supplied ready to run, and are stored on small Datapaks which simply plug into slots on the back of the Psion Organiser II. The Datapak is a secure program storage medium which is independent of the power supply, and protected against accidental erasure. Illustrated instructions are provided with every pack.

ASTRO-NAVIGATION

Simplicity itself to operate yet powerful enough to be used by the most experienced navigator the program can make position fixing using the sextant easier and more reliable than it has ever been. The system prompts you for sextant reading, index error (display shows whether it is on or off the arc), height of eye, upper or lower limb observed, etc. Automatically computes and allows for sun's diameter, and parallax. Compensates for refraction if ambient temperature and pressure are entered. Instantly gives azimuth and intercept. Built-in almanac for the sun; and 57 stars makes looking up tables unnecessary. Automatically gives prompts for almanac data for all other bodies. Use also to predict the azimuth and altitude of any object. Gives times of sunset, sunrise (and civil, nautical and astronomical twilight) in local time as well as time of noon transit for any position. Remembers previous data for quick entry of readings.

ASTRO-NAV PROFESSIONAL

This advanced package has all of the features of the standard system plus an impressive great circle course and distance facility which computes course with adjustments on variable increments of time/speed or longitude as desired. A rhumb line course and distance is also provided. Additional almanac data is included for moon and planets. Sun and star data is backdated to 1980 to enable it to be used to check classroom exercises. There is a running fix feature which gives a Lat. and Long. position fix from two selected observations. Data valid to year 1999.

Maritek programs and the full range of Psion computers may be purchased separately. Psion computers are provided with manuals so that you can realise the full potential of the machine.

TIDAL HEIGHT

With this program finding the height of the tide could hardly be simpler. You just scroll down the long list of ports (or preset your home port to appear first). When you see the one you want, press a key and you will see today's date and time. Change the date and time if desired. Press a key and in just seconds the height of the tide at that date and time will be computed and displayed. A symbol shows if it is rising or falling. Press one key a few more times and you will see the height computed at half hour intervals throughout the rest of the day. There is no need to enter data or look up tables.

You can set your time zone so the results are always displayed in local time.

Utilities indicate time of high water, low water, dates of springs and neaps, and daily ranges.

This program is supplied on two datapaks one of which must be returned to Maritek at the end of each year to be updated for the following year. A small charge is made for this service.

Data is available for hundreds of ports. See price list for details.

MENU SYSTEM

All options are selected from menus displayed on the screen. Prior knowledge of computers is not needed. A few keystrokes take you quickly through all procedures.

YACHT RACE MANAGEMENT

A choice of modules is available to meet the needs of yacht clubs.

OLYMPIC COURSE

This procedure will accurately fix the layout of an Olympic course. Given the position of the committee boat the computer will calculate and display the positions of the other two marks. It can adjust the windward mark's position to allow for tide and adjust the starting line for a variety of parameters. This program is a must if conditions dictate that the course has to be set at the last possible moment.

REGATTA

Programs for the race officer provide:

- A list of all yachts entered
- A list of all starts and times of guns
- Check off lists for each class
- List of yachts finished and finishing time
- Lists by class in corrected time order.

- * Easy to follow instructions provided.
- * Easy method of recording boats past the finish. The computer's internal clock automatically records the time and sail number as you press the key.
- * Results can be calculated and posted before the competitors step ashore.
- * Build in and select from your own "members" database.
- * Suitable also for dinghies and sailboards.

Maritek policy of continuous improvement can mean that equipment and/or programs supplied may differ from that described in the literature. An upgrade service is provided to existing customers whenever new features are added to the programs. Maritek will also undertake to produce individual commercial applications for Psion computers to customer's specifications.

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