OMEGA

Speedmaster

X-33 REGATTA

OPERATING INSTRUCTIONS

CONTENTS

INTRODUCTION

Special recommendations

What must I do to ensure that my OMEGA watch provides me with excellent service for many years?

Magnetic fields : avoid contact with magnets, or putting your watch on top of loudspeakers, refrigerators or magnetic cases for iPads or other tablets, since such objects generate magnetic fields which could disturb the functions of your watch.

Swimming in the sea : always rinse your watch with fresh water afterwards.

Shocks : whether physical, thermal or other, avoid them.

Crown : push it back against the case into the wearing position to prevent moisture from entering the case.

Cleaning : for metal bracelets, rubber straps and water-resistant cases, use a toothbrush and soapy water for cleaning and dry with a soft cloth.

Chemical products : avoid direct contact with solvents, detergents, perfumes, cosmetics, insect repellents, etc., since they may damage the bracelet, case or gaskets.

Temperature : avoid exposure to extreme temperatures (greater than 60°C, or 140°F, less than 0°C, or 32°F) or extreme temperature changes.

Water-resistance : a watch's water-resistance cannot be permanently guaranteed. It may notably be affected by the ageing of gaskets or by an accidental shock to the crown. As stipulated in our service instructions, we recommend you have the water resistance of your watch checked once a year by an authorized OMEGA Service Centre.

Pushers: do not operate pushers underwater, in order to prevent water from entering the mechanism.

What are the service intervals ?

Like any precision instrument, a watch needs regular servicing to ensure that it functions perfectly. We cannot indicate the frequency of such work, since it depends entirely on the model, the climate and the owner's individual care of the watch. As a general rule, a watch should be serviced every 4 to 5 years, depending on the conditions in which it is used.

Who should I contact for a maintenance service or battery replacement ?

We recommend that you contact an approved OMEGA service centre or authorized OMEGA retailer. They are equipped with the tools and apparatus required to carry out the work and the necessary checks in a professional manner. Furthermore, these entities can guarantee that their work is carried out in accordance with OMEGA's strict quality standards.

A drained battery should be replaced immediately in order to reduce the risk of leakage and consequent damage to the movement. The type of battery is defined on the guarantee card enclosed with your watch.

Environmental protection

Collection and treatment of end of life Quartz watches* This symbol indicates that this product should not be disposed with household waste. It has to be returned to a local authorized collection system. By following this procedure you will contribute to the protection of the environment and human health. The recycling of the materials will help to conserve natural resources.

* valid in EU member states and in any countries with corresponding legislation.

OMEGA INTERNATIONAL WARRANTY (VALID FOR U.S.A. ONLY)

NTRODUCTION

Your OMEGA® watch is warranted by OMEGA SA* FOR A PERIOD OF TWENTY-FOUR (24) MONTHS, FROM THE DATE OF PURCHASE under the terms and conditions of this warranty. The international OMEGA warranty covers material and manufacturing defects existing at the time of delivery of the purchased OMEGA watch ("defects"). The warranty only comes into force if the warranty certificate is dated, fully and correctly completed and stamped by an authorized OMEGA retailer ("valid warranty certificate"). During the warranty period and by presenting the valid warranty certificate, you will have the right to have any defect repaired free of charge. In the event that repairs are unable to restore the normal conditions of use of your OMEGA watch, OMEGA SA guarantees its replacement by an OMEGA watch of identical or similar charateristics. The warranty for the replacement watch ends twenty-four (24) months, after the date of purchase of the replaced watch.

THIS MANUFACTURER'S WARRANTY DOES NOT COVER :

- the life of the battery.
- normal wear and tear and ageing (for example scratched crystal; alteration of the colour and/or material of non metallic straps and chains, such as leather, textile, rubber).
- any damage on any part of the watch resulting from abnormal/abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the operating instructions provided by OMEGA SA.
- the OMEGA watch handled by non-authorized persons (for example for battery replacement, service or repair) or which has been altered in its original condition beyond OMEGA SA's control.

ALL APPLICABLE IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE GIVEN TO YOU BY LAW ARE HEREBY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. UNDER NO CIRCUMSTANCES WILL OMEGA SA BE LIABLE FOR ANY INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND.

Some states do not allow limitations on how long implied warranties last, or exclusions or limitations of incidental or consequential damages, so exclusions or limitations mentioned may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

OMEGA SA's OBLIGATION IS STRICTLY LIMITED TO REPAIR OR REPLACEMENT AS EXPRESSLY STATED IN THIS LIMITED WARRANTY. YOUR AUTHORIZED OMEGA RETAILER CARRIES SOLE RESPONSIBILITY FOR ANY OTHER GUARANTEES.

The OMEGA customer service ensures the perfect working order of your OMEGA watch. If your watch needs maintenance, rely on an authorized OMEGA retailer or an authorized OMEGA Service Center. They can guarantee service according to OMEGA SA's standards.

* OMEGA SA

Rue Stämpfli 96, CH-2500 Bienne 4

OMEGA INTERNATIONAL WARRANTY

INTRODUCTION

Your OMEGA® watch is warranted by OMEGA SA* for a period of twenty-four (24) months, from the date of purchase under the terms and conditions of this warranty. The international OMEGA warranty covers material and manufacturing defects existing at the time of delivery of the purchased OMEGA watch ("defects"). The warranty only comes into force if the warranty certificate is dated, fully and correctly completed and stamped by an authorized OMEGA retailer ("valid warranty certificate"). During the warranty period and by presenting the valid warranty certificate, you will have the right to have any defect repaired free of charge. In the event that repairs are unable to restore the normal conditions of use of your OMEGA watch, OMEGA SA guarantees its replacement by an OMEGA watch of identical or similar characteristics. The warranty for the replacement watch ends twenty-four (24) months, after the date of purchase of the replaced watch.

THE ABOVE MANUFACTURER'S WARRANTY :

- is independent of any warranty that may be provided by the seller, for which he carries sole responsibility;
- does not affect the purchaser's rights against the seller nor any other mandatory statutory rights the purchaser may have against the seller.

The OMEGA customer service ensures the perfect maintenance of your OMEGA watch. If your watch needs maintenance, rely on an authorized OMEGA retailer or an authorized OMEGA Service Centre. They can guarantee service according to OMEGA SA's standards.

THIS MANUFACTURER'S WARRANTY DOES NOT COVER :

- the life of the battery.
- normal wear and tear and ageing (for example scratched crystal; alteration of the colour and/or material of non metallic straps and chains, such as leather, textile, rubber).
- any damage on any part of the watch resulting from abnormal/abusive use, lack of care, negligence, accidents (knocks, dents, crushing, broken crystal, etc.), incorrect use of the watch and non-observance of the operating instructions provided by OMEGA SA.
- any consequential or indirect damage resulting from the use, failure to operate, defects or lack of precision of the OMEGA watch.
- the OMEGA watch handled by non-authorized persons (for example for battery replacement, service or repair) or which has been altered in its original condition beyond OMEGA SA's control.

Any further claim against OMEGA SA, for example for damages additional to the above described warranty is expressly excluded, except mandatory statutory rights the purchaser may have against the manufacturer.

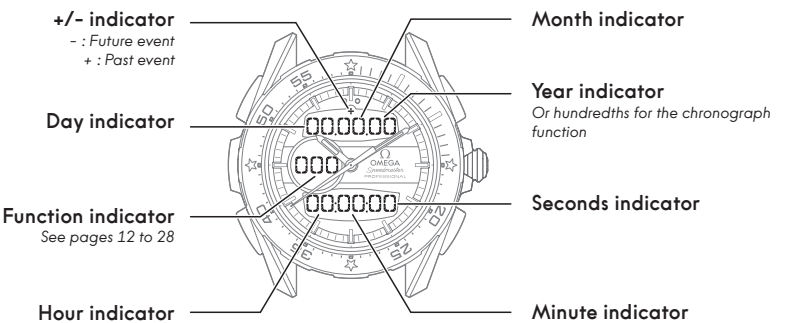
* OMEGA SA

Rue Stämpfli 96, CH-2500 Bienne 4

DESCRIPTION DISPLAYS

The information contained in this document is for the standard use of the SPEEDMASTER X-33 Regatta model. For further information, consult the website.

In addition to the usual watch functions, the SPEEDMASTER *X-33 Regatta* has functions specially dedicated to regattas (countdown and log book).



DESCRIPTION PUSHERS AND CROWN

Countdown / race function
Countdown display
Start, synchronize, save buoy, stop, reset to initial value, access the next log book

Display
Backlighting
Clear the hands
Stop chime

Programming
Access / exit programming

Chrono / timer functions
Start / stop

Log book function
Proceed to next buoy record

Programming
Increase the setting value

Display and programming
See inset below

Chrono / timer functions
Reset to zero, split, reset to initial value

Log book function
Back to previous buoy record

Programming
Decrease the setting value

General information

Press once

Press twice

Press and hold
(~ 3 seconds)

Using the crown

Display
Access the next function

Programming
Access the next setting

Display
Access the second page of the selected function

Display
Access the function groups

Programming
Activate energy saving mode (see page 30)

USE GENERAL INFORMATION

NAVIGATING BETWEEN GROUPS AND PAGES

The functions are separated into **2 groups** (see illustration opposite).

Pressing once on the crown brings up the **next function**.

Pressing and holding brings up the **second group** of functions.

Certain functions are displayed over **2 pages**. **Pressing twice** on the crown brings up **page 2** if it is available (see illustration opposite (1/2)).

The display returns to **page 1** after 10 seconds, or by **pressing once** on the crown.

PROGRAMMING MODE

In **programming mode**, the hands move so as to **clear the displays**.

Programming exited automatically after 20 seconds without activity.

When a **chime** sounds, the **display flashes** and brings up the function concerned.

For programmable functions, when the selection 000 is used, the function is **deactivated** and the programming is **erased**.

USE NAVIGATING BETWEEN FUNCTIONS

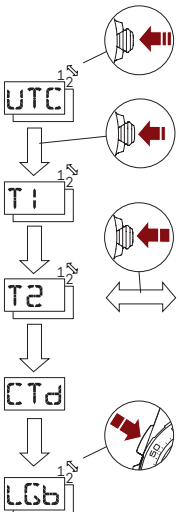
Coordinated Universal Time
International reference time
See page 12

Time T1
Time defined by the user
See page 14

Time T2
Time defined by the user
See page 14

Countdown
Countdown function
See page 18

Log book
Log book function
See page 22



Chronograph
Chronograph function
See page 28

TIMER
Countdown function
See page 26

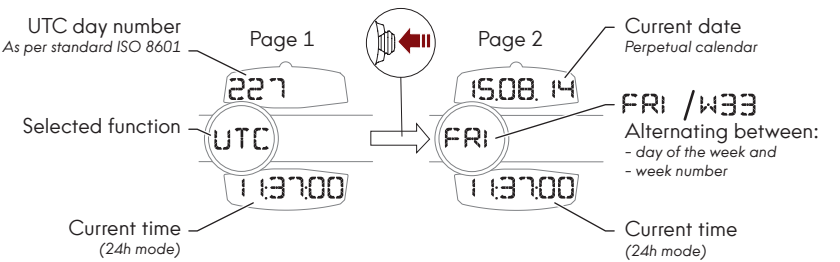
Alarm 1
First alarm
See page 16

Alarm 2
Second alarm
See page 16

UTC DISPLAY

Universal time display (Universal Time Coordinated).

This time was previously known as GMT, and this name is still used in certain fields.



The T1 and T2 functions (see page 14) are set in relation to UTC.

UTC PROGRAMMING

Select function UTC

Because UTC is the time base used for all the other watch functions, it must be programmed first.

Enter programming

+ increment

Confirm and move to the next setting (1)

– increment

(1) Follow the same procedure for the settings below:

- year, month, day;
- hour, minute, second.

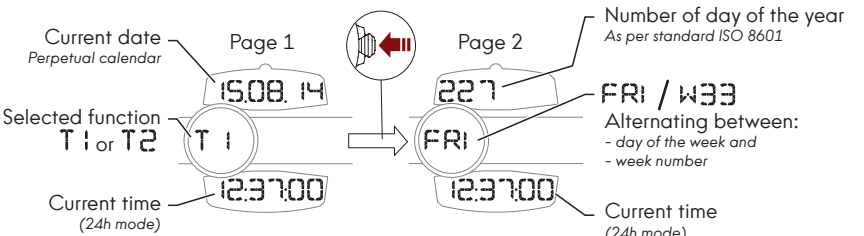
Exit programming

TIME ZONES T1 AND T2 DISPLAY

T1 is used for **local time.** The hands continuously display T1 time.

T2 is used for the **second time zone.** T2 is not displayed with the hands.

To set T1 and T2, only the time difference from UTC needs to be programmed. So the UTC time must be set before programming T1 and T2.



TIME ZONES T1 AND T2 PROGRAMMING

Select function T1 or T2

Enter programming

+ increment (2)

Confirm and move to the next setting (1)

- increment (2)

Exit programming

The programming consists of defining the time difference between the desired time and UTC.

During programming, the "+" or "-" sign above the display indicates that the time difference from UTC is positive or negative.

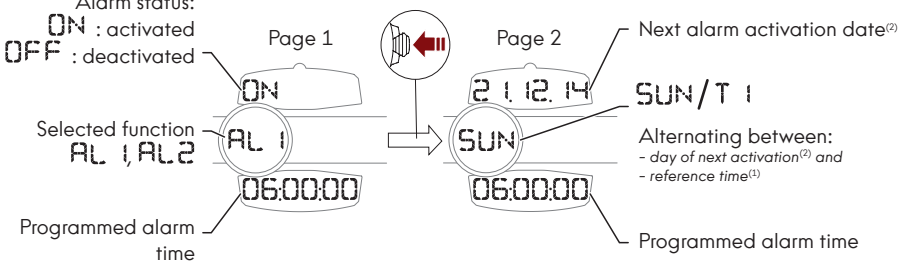
(1) Follow the same procedure for the settings below:

- hour, minute.

(2) It is possible to programme the hour in 1-hour intervals, and the minute in 15-minute intervals.

ALARM DISPLAY

2 alarms are available: AL 1 and AL2. They all work the same way.



(1) The reference time may be T1, T2 or UTC.

(2) The alarm sounds for each possible occurrence. For example, if you only set the chime time, without incorporating the date or day, the alarm will sound every day at the set time.

For information about the chimes see page 29.

ALARM PROGRAMMING

Select function
AL 1 or AL2

Enter programming

+ increment

Confirm and move to the next setting (1)

- increment

Exit programming

Activating the alarm

Select function
AL 1 or AL2

Activate/deactivate the alarm

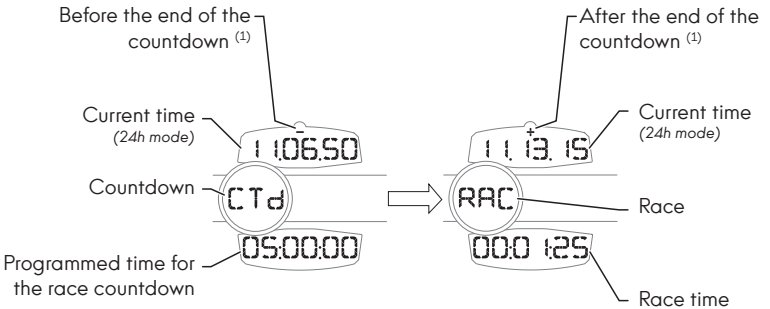
(1) Follow the same procedure for the settings below:

- reference time T1, T2, UTC;
- year, month, day;
- hour, minute, second;
- day of the week.

CTD DISPLAY

"Countdown"

This function initially displays the time remaining before the start of the race (CTd), and then automatically switches to race time (RAC) (see example on page 32).



(1) Once the race start time has passed, the sign at the top of the display turns to "+" and the time continues to be counted from the race start time.

For information about the chimes see page 29.

CTD PROGRAMMING

Select function CTd

Programming is available only if the countdown is stopped.

Enter programming

The CTd function can be programmed up to 59 minutes before the start of the race.

\+ increment

– increment

The function automatically saves the last programming (it cannot be reset to zero).

Exit programming

CTD USE

Start the countdown

Synchronize with the official time to the nearest minute (1)

Stop the countdown

Reset the countdown to zero if it is stopped

Exit the function CTd and access the log book (LGb) once the countdown has been launched.

2 buttons to press so that the user cannot exit the function by mistake.

(1) If more than 30 seconds have elapsed, the time is synchronized to the next minute; otherwise it is kept to the current minute. In either case, the seconds are reset to zero.

A single press on the same button enables you to continue the countdown from the stopped value.

If the countdown is activated during the reset, it will be reset to zero and restart instantly.

RAC USE

"Race"

This function is displayed automatically at the end of the countdown (CTd). It enables you to save the race time and the split times at the buoys.

Upon switching to race mode (RAC), the log book (LGbb) is automatically erased.

Save the time under T1 and the buoy race time [1]

(1) The buoy time is still saved in log book A (LGb A01 to A10). If the log is full, the buoy time is placed in A10, and all the other previous values have their number decreased. Hence value A01 is lost.

Stop the Race timer

A single press on the same button enables you to continue the race timing from the stopped value.

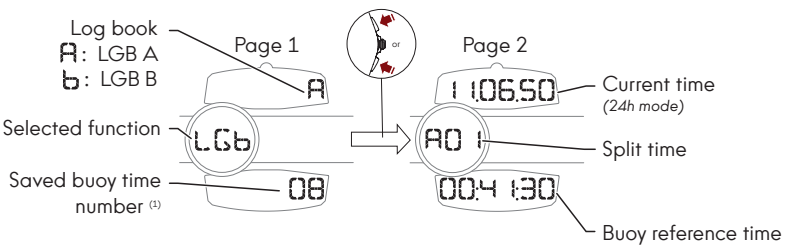
Reset the Race timer to zero when it is stopped and go back to the CTd function [2]

(2) If the Race function is active, you are taken back to the CTd function, and the countdown starts instantly according to the last programmed value.

LGB DISPLAY

"Logbook"

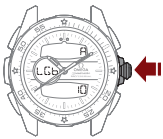
There are two log book records available (LGbA and LGbb). The values recorded during Race mode are saved to LGbA. Upon switching between CTd and RAC mode, LGbA is transferred to LGbb.



(1) The _ _ _ _ _ _ symbol appears if the log book (LGb) is empty.

LGB USE

Look up buoy information.



Select function LGb

Display the first buoy information

Press the button again to display the information on the next buoy.

If the displayed buoy is the last, press again to go back to the LGb main screen.

Display the last buoy information

Press the button again to display the information on the previous buoy.

If the displayed buoy is the first, press again to go back to the LGb main screen.

Access the second log book LGbb

Follow the same procedure to go back to LGbA.

Navigating within LGbb is the same as for LGbA.

LGB USE

Erase buoy information.

Select function LGb

Display the information for the buoy to erase using the navigation buttons

Select the information to erase

The buoy display flashes.

Confirm the erase

Hold down the button for two more seconds once all the watch displays are flashing.

Exit erase mode

The buoy display stops flashing.

If the information on a buoy is erased, all the buoys with a higher number will have their number decreased by one.

LGB USE

Erase information from a log book LGb.

Select function LGb

Display the log book to be erased

Select the log book to be erased

The log book display flashes.

Confirm the erase

Hold down the button for two more seconds once the text displays "ERASE LGb ALL A/b".

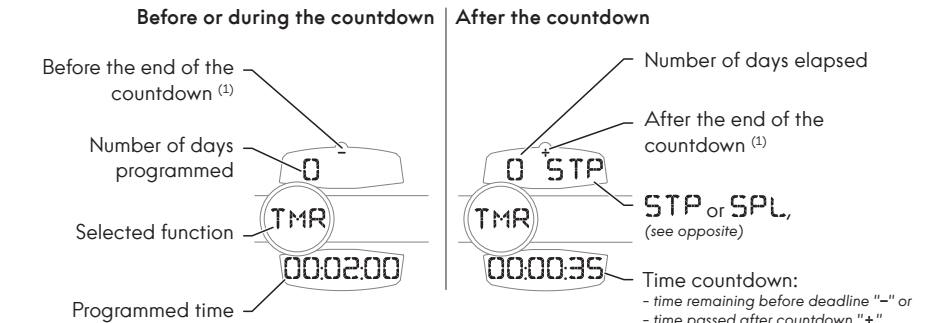
Exit erase mode

The log book display stops flashing.

Once the countdown has finished and race mode started, the contents of LGbA are moved to LGbb. The contents of LGbA are then erased for the new race data.

TIMER DISPLAY

The TIMER function allows you to count down a pre-defined time period, and then count the elapsed time after passing zero.



(1) AT the end of the countdown, the "+" sign appears in place of the "–" sign, and the time is counted from the TIMER zero point.

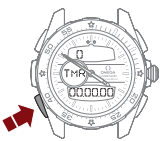
The TIMER can be programmed up to a countdown of 99 days, 99 hours, 59 minutes, 59 seconds and 99 hundredths. Afterwards the time can be counted up to the same values.

For information about the chimes see page 29.

TIMER

PROGRAMMING

Select function TMR



Enter programming

+ increment

Confirm and move to the next setting

- increment

Exit programming

USE

Start/stop (STP) the countdown/time count

SPL : Stop/restart from displayed time

The countdown/time count continues

Reset to zero

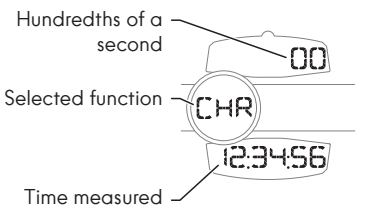
When the TIMER has been stopped (STP)

After resetting to zero, the last time programmed is displayed

Stop chime

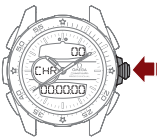
CHRONOGRAPH

DISPLAY



After 99 hours, 59 minutes, 59 seconds and 99 hundredths, the timing is stopped and reset to zero automatically.

USE



Select function

Start/stop (STP) the time measurement

Stop (STP) /restart the time measurement

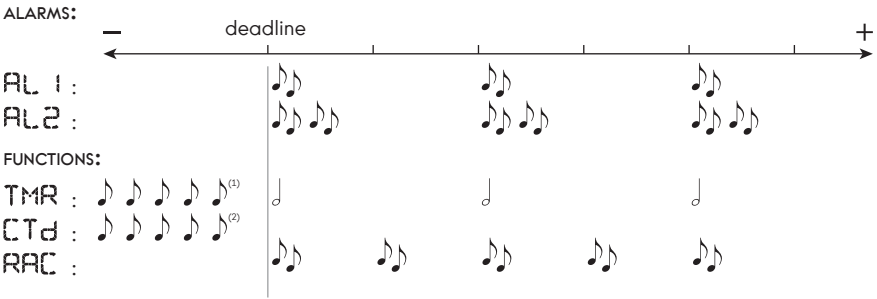
Display split time (SPL)
Press again to continue the time measurement

Reset chrono to zero
When the chronograph has been stopped (STP)

CHIMES

Several types of chime are used for the following different functions and priorities:

SEQUENCES



(1) The last 5 seconds sound before the TIMER chimes.

(2) Chimes at 300, 240, 120, 60, 45, 30, 20, 15 s, as well as the last 10 seconds before the start of the race. The countdown chimes are different for each minute.

PRIORITIES

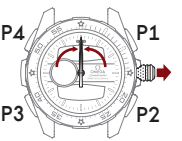
- Regatta mode has priority over ALARMS and TIMER;
- An ALARM interrupts the TIMER.

SPECIAL FUNCTIONS

ENERGY SAVING MODE

The energy saving mode is activated by pulling the crown out.

- the display disappears;
- the hands move to 12 o'clock;
- all the measurements in progress continue, but the chimes are deactivated.



Push the crown back in to exit energy saving mode. (This mode does not work in CTd or RAC mode).

SYNCHRONIZATION

If the watch is in energy saving mode, it is possible to synchronize the hands. If the hands do not display exactly 12:00:00, follow the procedure below:

- press **P4** to move the hour and minute hands forward in half-minute intervals;
- press **P3** to move the hour and minute hands forward in one-hour intervals;
- press **P1** to move the seconds hand forward in one-second intervals.

DISPLAY LIGHTING

This function facilitates reading the display information.

Activate digital display backlighting

After approximately 5 seconds, the display returns to normal

Clear the hands to optimal reading position of the digital display

After approximately 5 seconds, the hands return to their normal position

STANDBY MODE

Standby mode is automatically activated after 5 days without any activity.

- the display disappears;
- the hands continue to indicate T 1;
- all the measurements in progress continue;
- ALARMS and TIMER can still sound (if the chime is not stopped by the user, the watch returns to standby mode after 20 seconds).

Press one of the pushers or the crown to exit standby mode.

EXAMPLE REGATTA

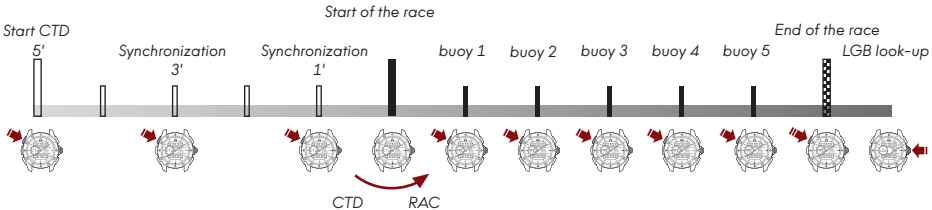
The SPEEDMASTER X-33 Regatta watch was specially designed to enable Emirates Team New Zealand (ETNZ) sailors to manage the different stages of the America's Cup.

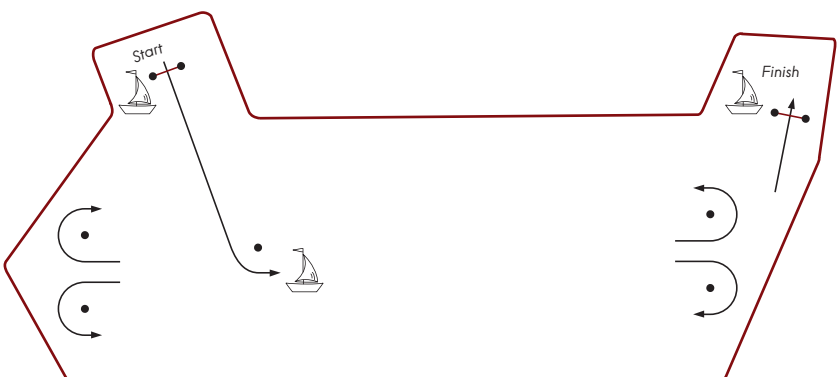
The one described below represents a specific application scenario for which this watch was designed.

- countdown before the start of the race;
- time synchronization with the official countdown;
- start of the race;
- split times measurement;
- race time measurement;
- looking up times registered during and/or after the race.

EXAMPLE REGATTA (CONT'D)

The race comprises the following phases:





GLOSSARY

UTC	Coordinated Universal Time. This is the international reference time.
CTD	"Countdown". This is the countdown before the start of the regatta.
RAC	"Race". This is the regatta race time.
LGB	"Log book". This is the regatta log book where the buoy split times can be saved.

TROUBLESHOOTING

The hands do not show the same time as the T 1 display.

- The hands are out of synch. See the synchronization procedure on page 30.

The seconds hand makes 5-second jumps.

- The battery is at the end of its service life (the battery must be replaced by an authorized OMEGA® retailer).

PICTOGRAMS

- *Day-date*
- *WEEE regulations*
- *Split-time counter*
- *2-year international warranty*
- *Quartz*
- *End of battery life indicator*
- *Time zone function*
- *Second time zone*
- *Perpetual calendar*
- *Thermocompensated quartz movement*
- *Water-resistant to positive pressure of 3 bar (30 metres / 100 feet)*
- *Sapphire glass*
- *Double anti-reflective treatment*
- *Button-type lithium-manganese dioxide battery cell*

A list of service centers can be consulted on http://omegawatches.com/csnetwork

www.omegawatches.com

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