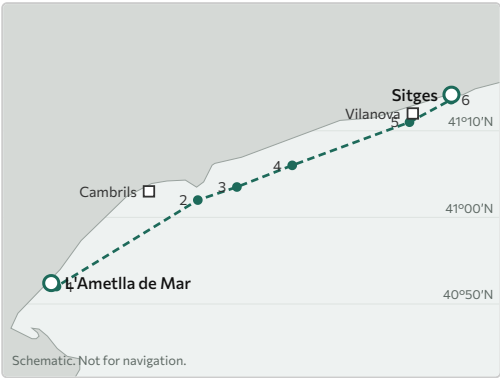


L'Ametlla de Mar to Sitges

North-east along the Costa Daurada past Cambrils, Salou and the Roman city of Tarragona, to Sitges.

DATE	Friday 21 May 2027
DISTANCE	52.1 nm, 7 legs
TIME	9 h 01 min
DEPART	08:30 CEST from L'Ametlla de Mar. 1 hour 55 minutes after sunrise (06:35 CEST).
ARRIVE	About 17:31 CEST at Sitges. In the late afternoon, with about 3 hours 40 minutes of daylight in hand (sunset 21:10 CEST).
TIDES	Range about 0.2 m: no practical effect
WIND	Sea breeze from the south-west in the afternoon is common; a mestral or a Levante less so
BOAT	35 to 38 ft sailing yacht, 1.9 m draught, 6 kn under sail, 5.5 kn under engine
CREW	Skipper and 3 crew, 2 watches of 2



Track and waypoints 1 to 6, with ports of refuge as squares.

Go or no-go

Decide at 07:30 CEST. Go only if all of these hold:

- ☐ No mestral or Levante above force 5.
- ☐ Visibility 2 nm or more: Tarragona is a busy port.
- ☐ Sitges berth confirmed.

If the weather is wrong, stay in L'Ametlla de Mar. Cambrils, Torredembarra and Vilanova are stops on the way.

Route and waypoints

Waypoints are planning positions in open water, checked against a 1:10m coastline to be at least 1.2 nm off land except at the harbour ends. Distances and courses are calculated from them. Plot every one on the current chart before use. Courses are true.

#	WAYPOINT	LATITUDE	LONGITUDE	COURSE	LEG NM	TOTAL NM	ETA	NOTES
0	L'Ametlla de Mar harbour	40°52.4'N	000°48.0'E				08:30 CEST	Depart.
1	L'Ametlla de Mar approach	40°52.0'N	000°48.8'E	123°T	0.7	0.7	08:41 CEST	Out of the harbour.
2	Off Cap de Salou	41°02.0'N	001°10.5'E	058°T	19.2	19.9	11:53 CEST	2 nm off the light (FIQ)
3	Off Tarragona	41°03.5'N	001°16.5'E	072°T	4.8	24.7	12:41 CEST	Inside the port's water (Tarragona Traffic) and the single-buoy mooring
4	Off Torredembarra	41°06.0'N	001°25.0'E	069°T	6.9	31.6	13:50 CEST	2 nm off.
5	Off Vilanova i la Geltrú	41°11.0'N	001°43.0'E	070°T	14.5	46.0	16:14 CEST	1.5 nm off.
6	Sitges approach	41°13.6'N	001°49.4'E	062°T	5.5	51.5	17:20 CEST	South of Port de Sitges CHECK ON THE CHART
7	Port de Sitges-Aiguadolç	41°14.2'N	001°49.4'E	002°T	0.6	52.1	17:31 CEST	Position from the port

Tides and time

L'AMETLLA DE MAR · FRI 21 MAY · CEST (UTC+2)

LW	05:18	0.2 m
HW	08:45	0.2 m
LW	14:25	0.1 m
HW	21:58	0.3 m

From the Tarragona station.

SITGES · FRI 21 MAY · CEST (UTC+2)

LW	05:05	0.2 m
HW	08:49	0.2 m
LW	15:00	0.1 m
HW	22:03	0.3 m

From the Barcelona station.

Friday 21 May 2027. **Tides.** The range here is 0.1 to 0.3 m: tides make no practical difference. Wind and air pressure move the sea level more than the tide does.

Sitges uses the Barcelona station.

Tide times are predictions made for this plan from the TICON-4 harmonic constants (DGFI-TUM) with the Neaps tide predictor, because the official 2027 tables were not yet published when it was written. Tested against the official APDL table for Leixões on 23 July 2026, the predicted times were within 8 minutes and the heights 0.1 to 0.2 m lower. Heights are above lowest astronomical tide. Check every time against the official 2027 table before sailing.

Daylight. Sunrise at L'Ametlla de Mar 06:35 CEST. Sunset at Sitges 21:10 CEST.

Weather

- **Sea breeze.** A south-westerly builds along this coast most summer afternoons, often fresh by late afternoon.
- **Mestral** near the delta in the morning.

FORECASTS TO CHECK

- AEMET coastal bulletins, aemet.es, predicción marítima: “Costa de Valencia y Murcia” (Aguas costeras de Valencia, de Castellón) and “Costa de Cataluña” (Aguas costeras de Tarragona, de Barcelona, de Girona). High-seas areas Baleares and León.
- NAVTEX Cabo de la Nao: 518 kHz, station X, in English. Further north, La Garde (France) on 490 kHz, station S, in French. Check the times against the Admiralty List of Radio Signals.

[CHECK THE PILOT BOOK](#)

Hazards

- **Tarragona port.** Tarragona Traffic (VTS) works VHF 15, the pilots VHF 14. The port's waters reach south to 41°00'N. There is a single-buoy mooring with a 3-cable clearance, and an anchorage: keep clear of both, and of ships under way.
- **Cambrils.** Shallow berths: much of the yacht harbour is 3 m, some pontoons 1.5 to 2 m.

- **Fishing and beaches.** Fishing boats out of every harbour; swimmers and small craft off the beaches.

Ports of refuge

PORT	FROM THE ROUTE	USE IT WHEN	NOTES
Cambrils	2 nm from waypoint 2	Weather turns early	Entrance 6.5 m, most yacht berths 3 m. Port +34 977 360 359.
Torredembarra	At waypoint 4	Halfway stop	VHF 9, operator +34 977 643 234, berths up to 28 m.
Vilanova i la Geltrú	At waypoint 5	Late	Entrance 7 m, berths 2 to 3.5 m. Grand Marina +34 938 105 611.
Sitges-Aiguadolç	Destination	First choice	471 berths, 6 to 32 m. +34 938 942 600.

Pilotage

LEAVING L'AMETLLA DE MAR

1. Leave the harbour and head east, then north-east toward Cap de Salou.

ENTERING SITGES-AIGUADOLÇ

1. From Vilanova, keep 1.5 nm off and approach from the south.
2. Call Port de Sitges-Aiguadolç (+34 938 942 600). Reception Monday to Saturday 09:00 to 14:30 and 16:00 to 18:00, Sunday 09:00 to 15:00. VHF and depths: [CHECK THE PILOT BOOK](#)

LIGHTS ON THE WAY

Cap de Salou	Fl(4) 20s, 43 m
Tarragona east breakwater	Oc 3s, 27 m
Cambrils west mole	Fl(3) R 9s, 13 m
Torredembarra	Fl(5) 30s, 58 m
Vilanova (Sant Cristòfol)	Fl(3) 8s, 27 m

Communications

Tarragona Traffic (VTS)	VHF 15 · pilots VHF 14 · port emergency +34 900 229 900
Port de Sitges-Aiguadolç	+34 938 942 600
Emergency	VHF 16, DSC 70 · 112
Salvamento Marítimo, emergencies	+34 900 202 202

Contingencies

- **Wind rising.** Stop at Torredembarra or Vilanova.
- **Fog.** Fog routine, radar and AIS watch; listen on VHF 15 off Tarragona.
- **Person overboard.** Shout, point, throw the danger buoy, press MOB, DSC distress alert, Mayday on 16.

Before leaving

- ☐ Forecasts read and logged before the go or no-go time
- ☐ Spanish notices to mariners (Avisos a los Navegantes) checked for the route
- ☐ Waypoints entered and checked against the chart
- ☐ Ship's log started in UTC
- ☐ Crew briefing: route, watches, safety gear, MOB, fog
- ☐ Sitges berth booked

- ☐ Fuel for 10 hours under engine, plus a reserve
- ☐ Water, food and hot drinks for 10 hours
- ☐ Lifejackets with crotch straps, jackstays rigged, harnesses
- ☐ Liferaft, grab bag, flares in date, handheld VHF
- ☐ Radar, AIS and navigation lights tested
- ☐ Passports, boat papers and insurance aboard

Sources

- Tarragona approaches: Port de Tarragona, Approaches (2022), porttarragona.cat.
- Sitges: portdesitges.com.
- Catalan ports: ports.gencat.cat port pages and their internal maritime plans (Pla interior marítim).
- Lights: The Lighthouse Directory, Spain (ibiblio.org/lighthouse/esvc.htm and esct.htm).
- NAVTEX: NGA Pub 117, chapter 3. AEMET zones: aemet.es, predicción marítima.
- Tides: predictions from TICON-4 harmonic constants (Hart-Davis, Dettmering and Seitz, DGFI-TUM, 2025, doi 10.17882/109129) with Neaps (openwaters.io). Check against the Instituto Hidrográfico 2027 tables.

- Sunrise and sunset: calculated (NOAA method).
- Lights: The Lighthouse Directory (Rowlett), ibiblio.org/lighthouse, Portugal pages revised August 2024. Cross-check with the IH List of Lights, volume I.
- Pilot: RCC Pilotage Foundation, Atlantic Spain and Portugal, 9th edition (2025).

A planning exercise to RYA Yachtmaster standard. Not for navigation: use current official charts, the pilot book and the forecasts on the day.