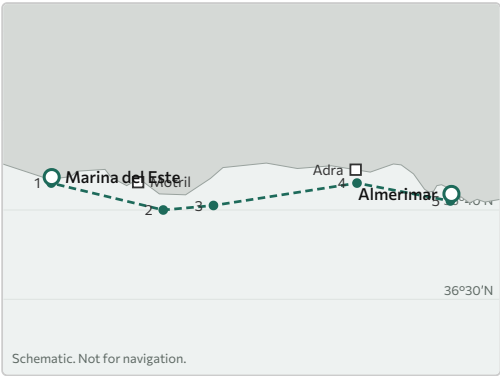


Marina del Este to Almerimar

East along the Costa Tropical under the Sierra Nevada, past Cabo Sacratif, Castell de Ferro and Adra, to the marina at Almerimar at the start of the Almería coast.

DATE	Friday 7 May 2027
DISTANCE	46.9 nm, 6 legs
TIME	7 h 59 min
DEPART	09:00 CEST from Marina del Este. 1 hour 45 minutes after sunrise (07:15 CEST).
ARRIVE	About 16:59 CEST at Almerimar. In the late afternoon, with about 4 hours 5 minutes of daylight in hand (sunset 21:04 CEST).
TIDES	Range about 0.3 to 0.4 m
WIND	Light to moderate, with an afternoon sea breeze; Levanter or Poniente along the coast
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 5, with ports of refuge as squares.

Go or no-go

Decide at 08:00 CEST. Go only if all of these hold:

- ☐ No Levanter above force 5.
- ☐ Visibility 2 nm or more.
- ☐ Almerimar berth confirmed.

If the weather is wrong, stay in Marina del Este. Almerimar to San José on 8 May is short enough to absorb a day.

Route and waypoints

Waypoints are planning positions in open water, checked against a 1:10m coastline to be at least 1 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	Marina del Este	36°43.7'N	003°43.5'W				09:00 CEST	Depart.
1	Marina del Este approach	36°43.0'N	003°43.6'W	184°T	0.7	0.7	09:09 CEST	Clear of Punta de la M
2	Off Cabo Sacratif	36°40.0'N	003°28.0'W	103°T	12.9	13.6	11:18 CEST	1.7 nm off the light (F to the west of the cap
3	Off Castell de Ferro	36°40.5'N	003°21.0'W	085°T	5.6	19.2	12:14 CEST	2.5 nm off.
4	Off Adra	36°43.0'N	003°01.0'W	081°T	16.2	35.4	14:57 CEST	1.5 nm off the harbour
5	Almerimar approach	36°41.0'N	002°48.0'W	101°T	10.6	46.1	16:43 CEST	South of the marina. CHECK ON THE C
6	Almerimar marina	36°41.8'N	002°47.9'W	008°T	0.8	46.9	16:59 CEST	Breakwater head, fro

Tides and time

MARINA DEL ESTE · FRI 7 MAY · CEST (UTC+2)

HW	04:19	0.6 m
LW	10:01	0.1 m
HW	17:00	0.6 m
LW	22:01	0.2 m

From the Motril station.

ALMERIMAR · FRI 7 MAY · CEST (UTC+2)

HW	04:17	0.4 m
LW	10:03	0.1 m
HW	17:10	0.4 m
LW	21:52	0.2 m

From the Almeria station.

Friday 7 May 2027. Range about 0.3 to 0.4 m: no practical effect.

Stations. Marina del Este uses the Motril station; Almerimar uses the Almería station, 17 nm east.

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 Marina del Este 07:15 CEST. Sunset at Almerimar 21:04 CEST.

Weather

- **Costa Tropical.** Sheltered from the north by the Sierra Nevada. Sea breezes in the afternoon.
- **Toward Almería.** The coast becomes drier and flatter east of Adra, and a Levante more frequent toward Cabo de Gata.

FORECASTS TO CHECK

- AEMET coastal bulletins, aemet.es, predicción marítima: “Costa de Andalucía Occidental y Ceuta” and “Costa de Andalucía Oriental y Melilla”. Coastal text updated at 12:00 and 20:00 local time. AEMET warns at force 7 or more, sea 3 m or more, or visibility under 1 nm.
- NAVTEX Tarifa: 518 kHz, station G, at 0100, 0500, 0900, 1300, 1700 and 2100 UTC, in English; 490 kHz, station T, in Spanish.
- Salvamento Marítimo coastal stations broadcast forecasts on VHF. Channels and times:
[CHECK THE PILOT BOOK](#)
- AEMET zones Aguas costeras de Granada and Aguas costeras de Almería (Costa Sur de Almería).

Hazards

- **Motril.** A commercial port west of Cabo Sacratif: watch for ships.
- **Greenhouses and fish farms.** The plain west of Almerimar is covered in greenhouses, which reflect sunlight and change the look of the coast. Fish farms lie off parts of it.

[CHECK ON THE CHART](#)

- **Fishing.** Small fishing boats and gear off Adra and Castell de Ferro.

Ports of refuge

PORT	FROM THE ROUTE	USE IT WHEN	NOTES
Marina del Este	Start	Within the first hour	Marina.
Motril	2 nm from waypoint 2	Weather turns early	Port authority +34 958 601 207; Real Club Náutico +34 958 600 037.
Adra	At waypoint 4	Late or weather	Harbour with fuel, entrance 155 m wide. Port office +34 950 805 061; Real Club Náutico +34 950 403 487.
Almerimar	Destination	First choice	997 berths, +34 950 607 755.

Pilotage

LEAVING MARINA DEL ESTE

1. Leave the marina and round Punta de la Mona to the south.
2. Head east for Cabo Sacratif and make sail.

ENTERING ALMERIMAR

1. From Adra, keep 1.5 nm off the coast toward Almerimar.
2. Approach from the south and call the marina (+34 950 607 755). VHF channel and depths:

CHECK THE PILOT BOOK

3. Enter round the breakwater head (green light).

LIGHTS ON THE WAY

Punta de la Mona	Fl 5s, 140 m
Cabo Sacratif	Fl(2) 10s, 98 m
Punta del Melonar (Castell de Ferro)	Fl(3) 13s, 237 m
Adra	Fl(3) 10.5s, 49 m
Punta de los Baños	Fl(4) 11s, 22 m
Sabinal	Fl(1+2) 10s, 34 m

Communications

Marina del Este	+34 958 640 801
Motril port authority	+34 958 601 207
Adra port office	+34 950 805 061

Almerimar marina	+34 950 607 755
Emergency	VHF 16, DSC 70 · 112
Salvamento Marítimo (Spain)	Rescue coordination centres for Cádiz, Tarifa, Algeciras and Almería: numbers CHECK THE PILOT BOOK

Contingencies

- **Levanter.** Stop at Motril or Adra.
- **Fog.** Fog routine; radar and AIS watch for ships bound for Motril and Almería.
- **Engine failure.** Sail to the nearest harbour approach and call for a tow.
- **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
 - ☐ Almerimar 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

- Motril, Adra and Almerimar: puertosdeandalucia.es port pages; apmotril.com.
- Strait, Tarifa, Algeciras and Gibraltar: NGA Pub 131, Sailing Directions (Enroute) Western Mediterranean, 19th edition (2025), sector 1.

- NAVTEX: NGA Pub 117, chapter 3; AEMET maritime guide (2016).
- AEMET coastal zones: aemet.es, predicción marítima.
- Spanish ports: puertosdeandalucia.es port pages (positions, phones, berths).
- Lights: The Lighthouse Directory, Spain (ibiblio.org/lighthouse/esanw.htm and esane.htm) and Gibraltar (gib.htm).
- 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.