

**Proyecto
de
mejora
de las
señales
maritimas
de
España**

1967

MOP

DIRECCION GENERAL DE PUNTOS Y SEÑALES MARITIMAS

ATLAS NUM. 2

Balizamiento de los puertos

MOP DIRECCION GENERAL DE PUERTOS Y SEÑALES MARITIMAS



PROYECTO DE
MEJORAS DE LAS SEÑALES MARITIMAS
DE ESPAÑA

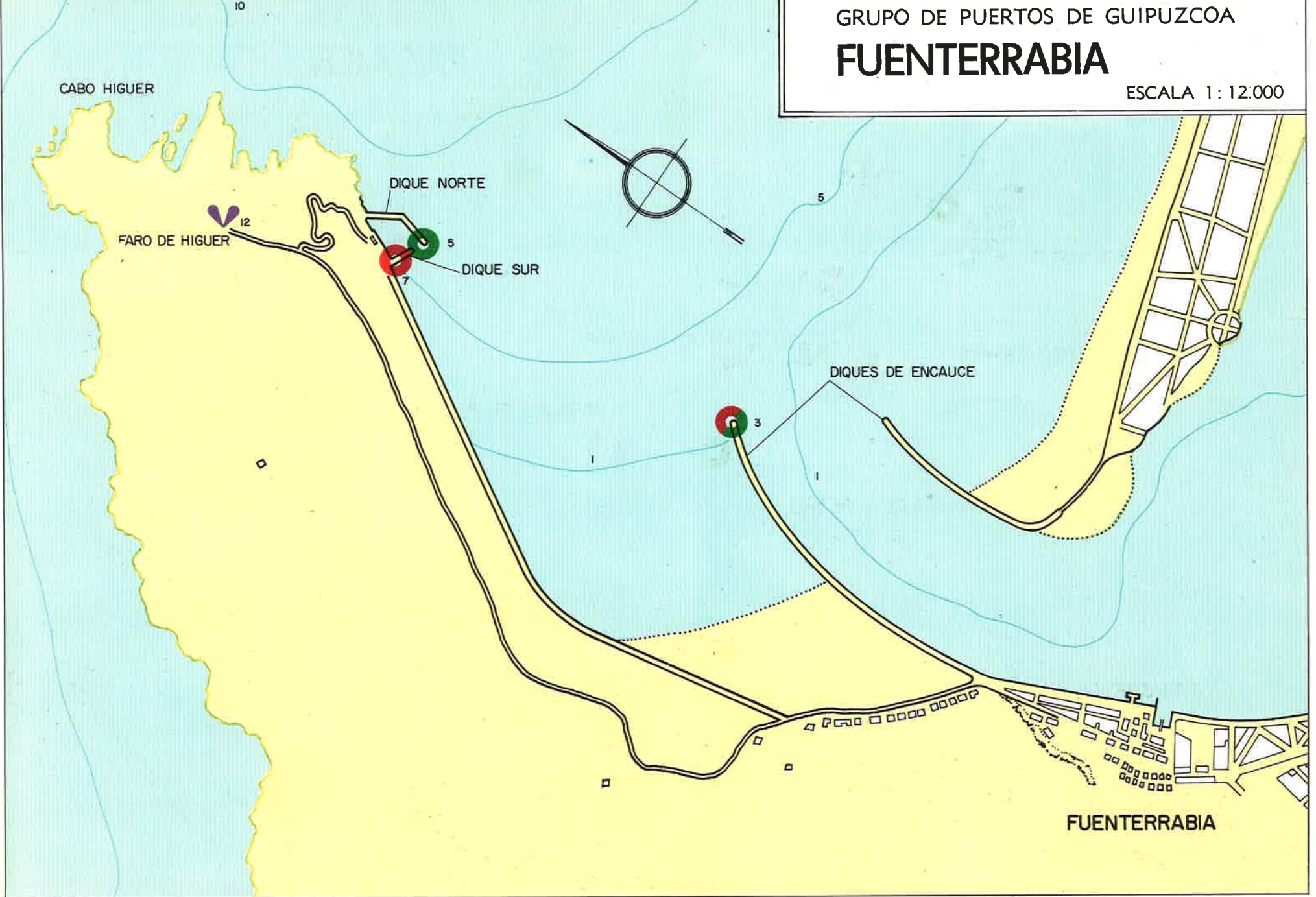
Aprobado por O. M. de 17 de marzo de 1967

ATLAS N.º 2
BALIZAMIENTO DE LOS PUERTOS

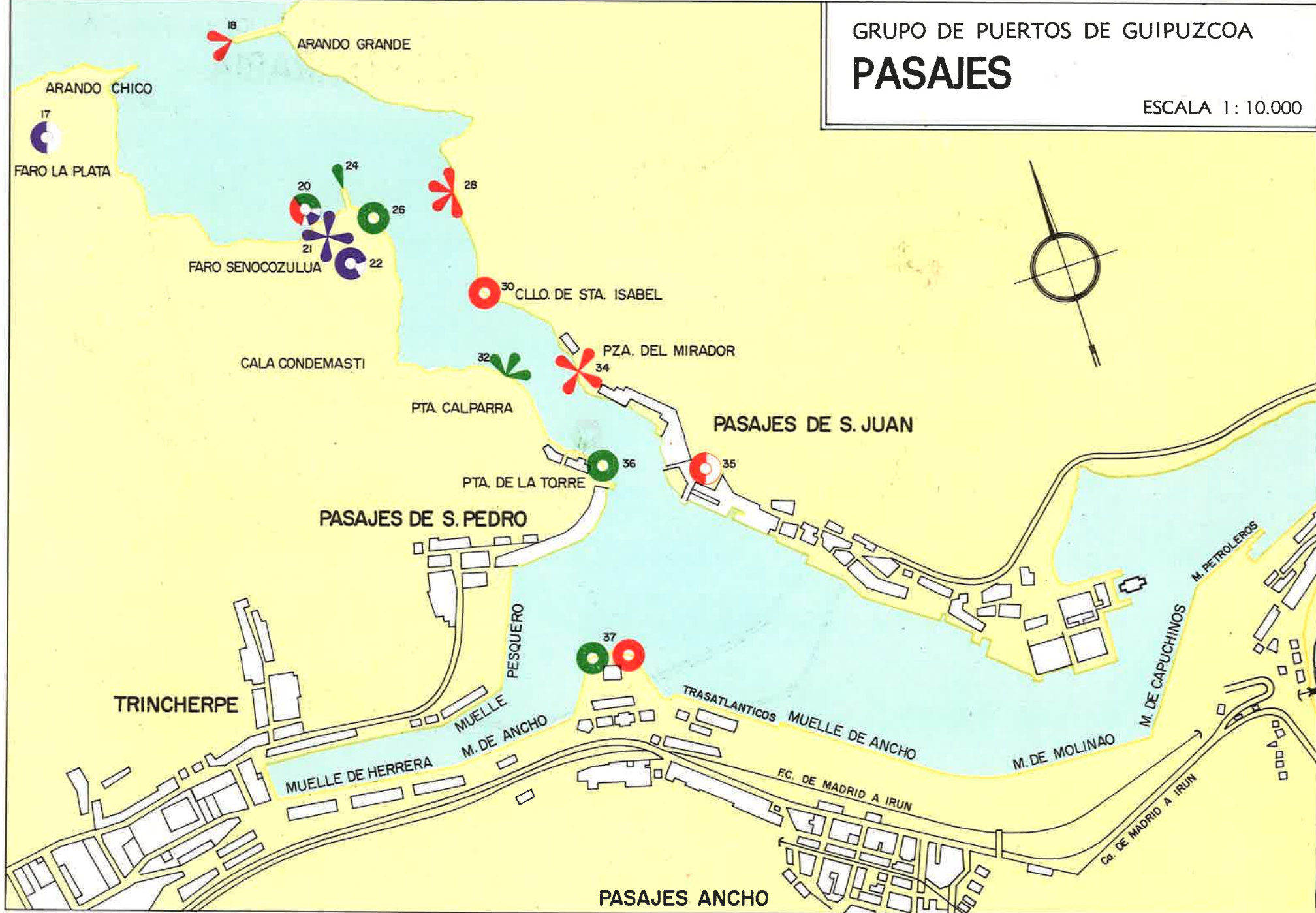
1967

FUENTERRABIA

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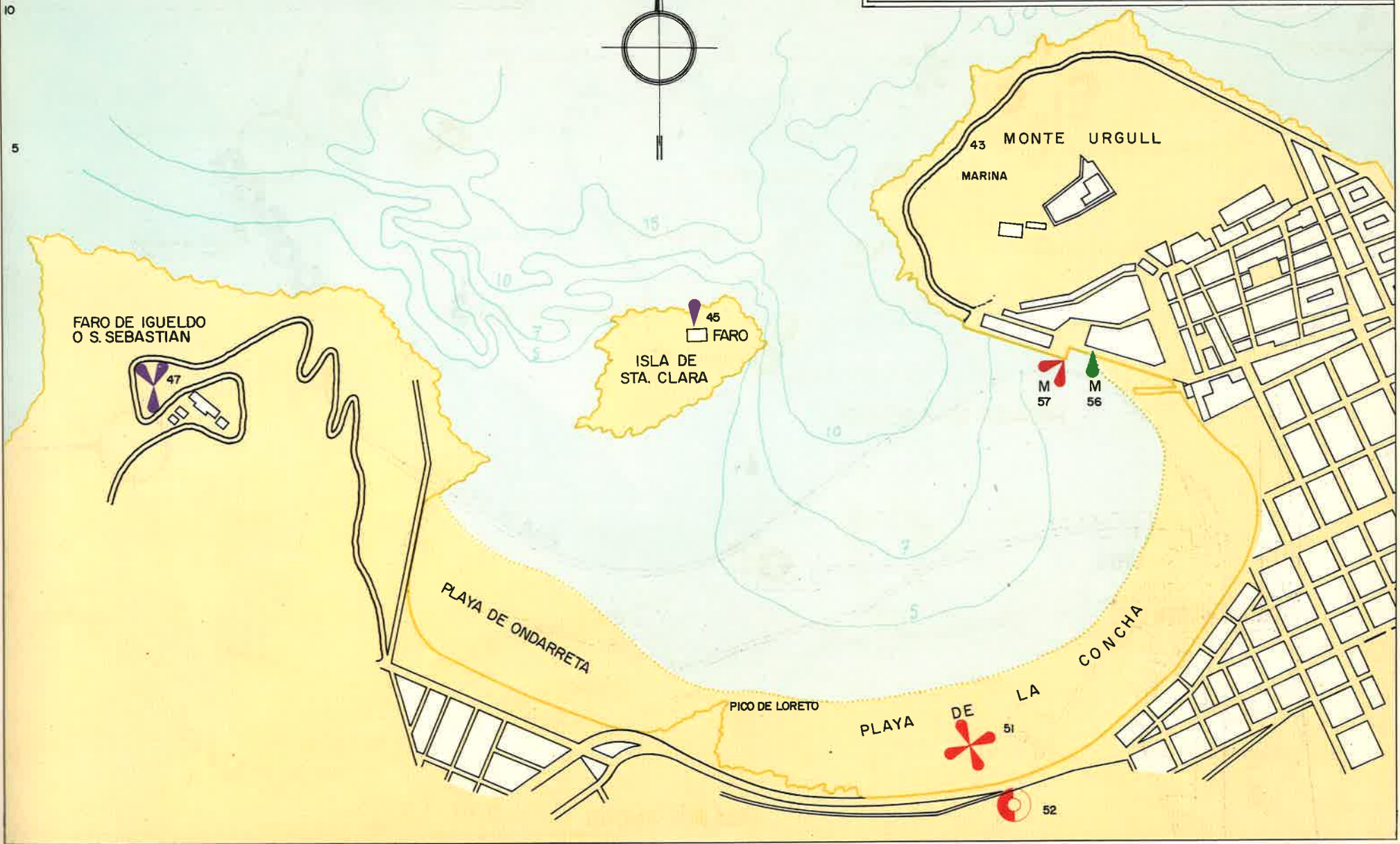


PASAJES



SAN SEBASTIAN

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GRUPO DE PUERTOS DE GUIPUZCOA

ORIO

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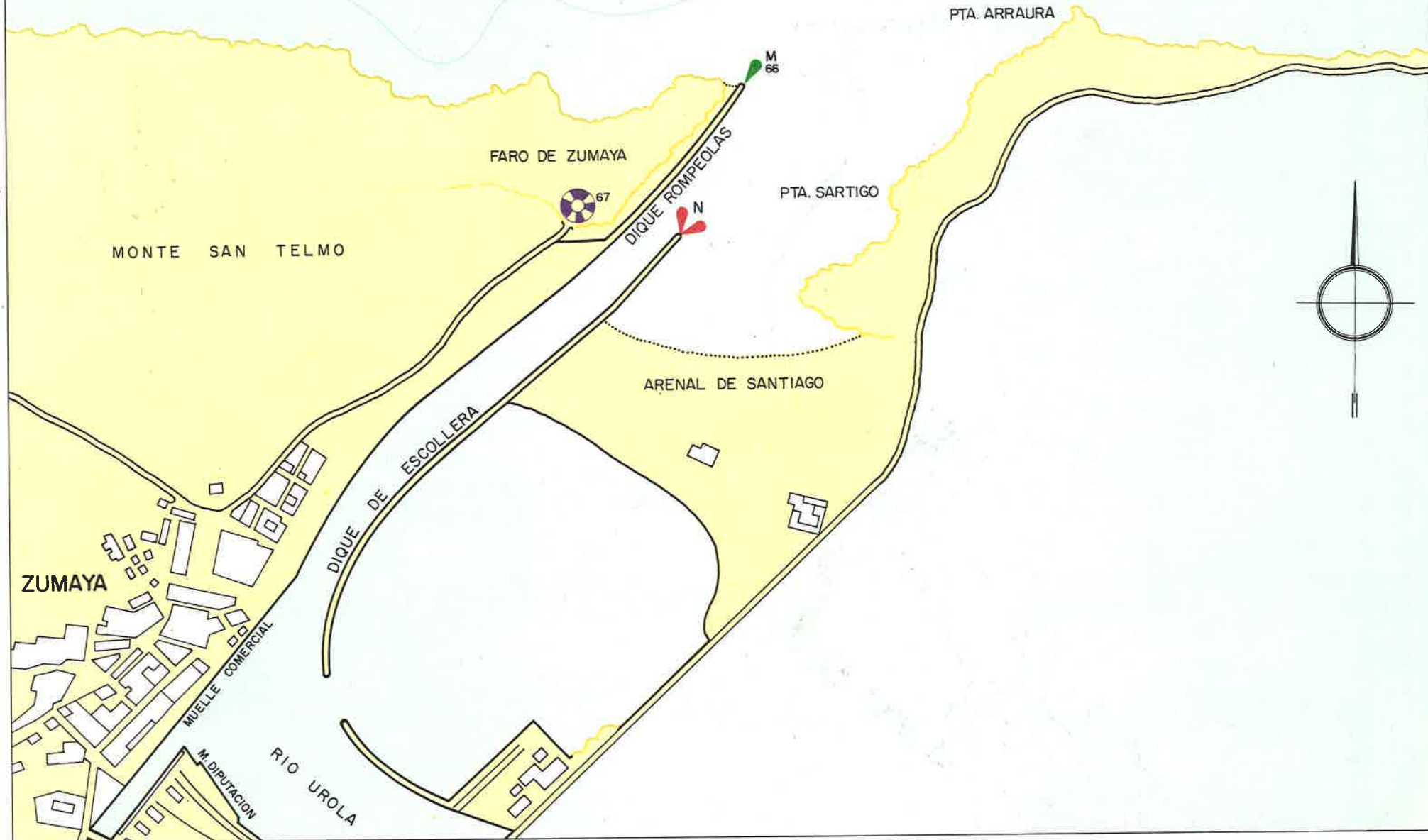
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5 LUCES SEPARADAS
ENTRE SI 25 Mts.

GUETARIA

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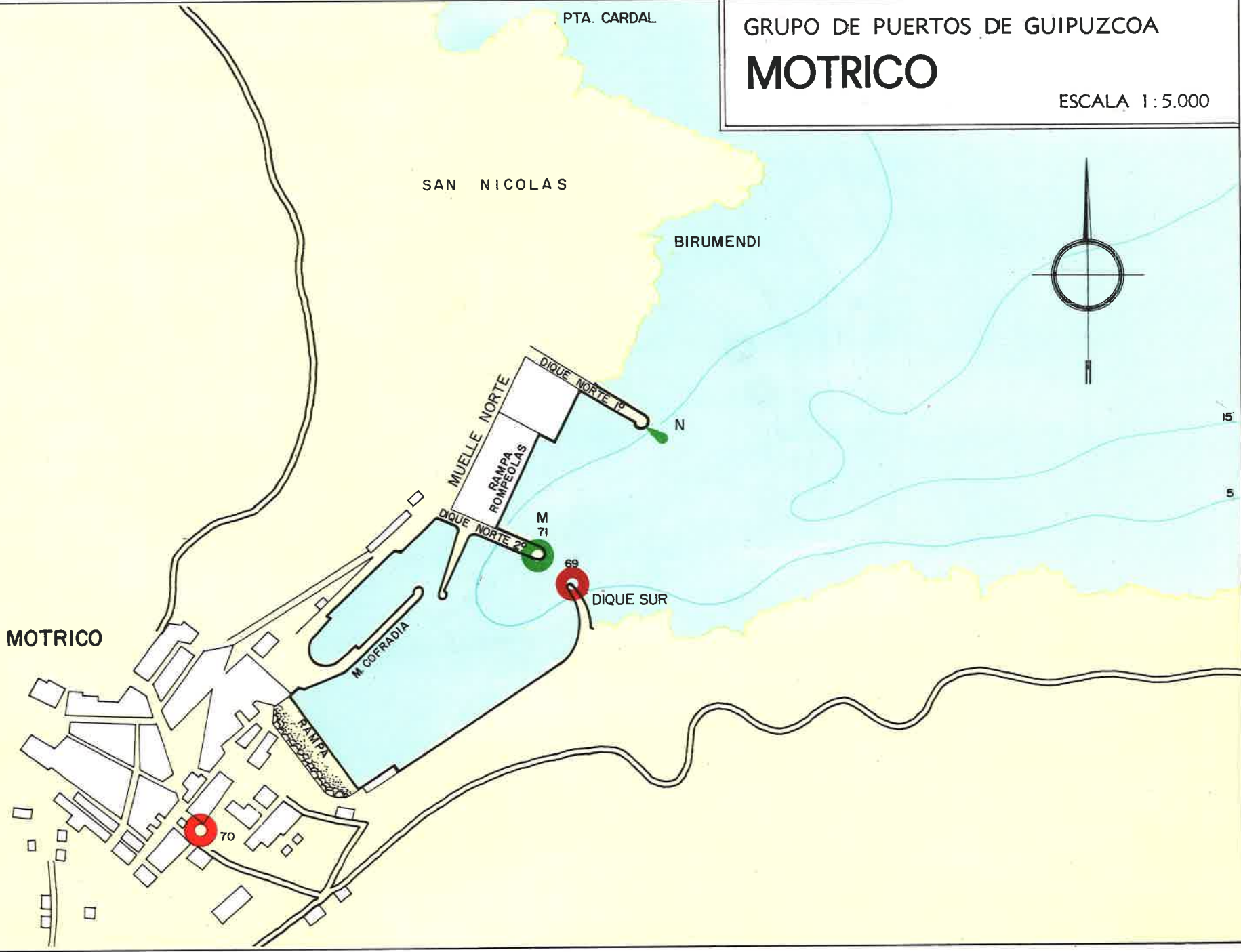


ZUMAYA



GRUPO DE PUERTOS DE GUIPUZCOA
MOTRICO

ESCALA 1:5.000



GRUPO DE PUERTOS DE VIZCAYA

ONDARROA

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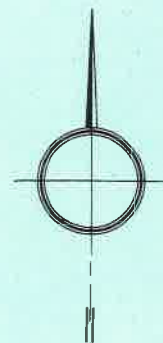


LEQUEITIO

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FARO STA. CATALINA

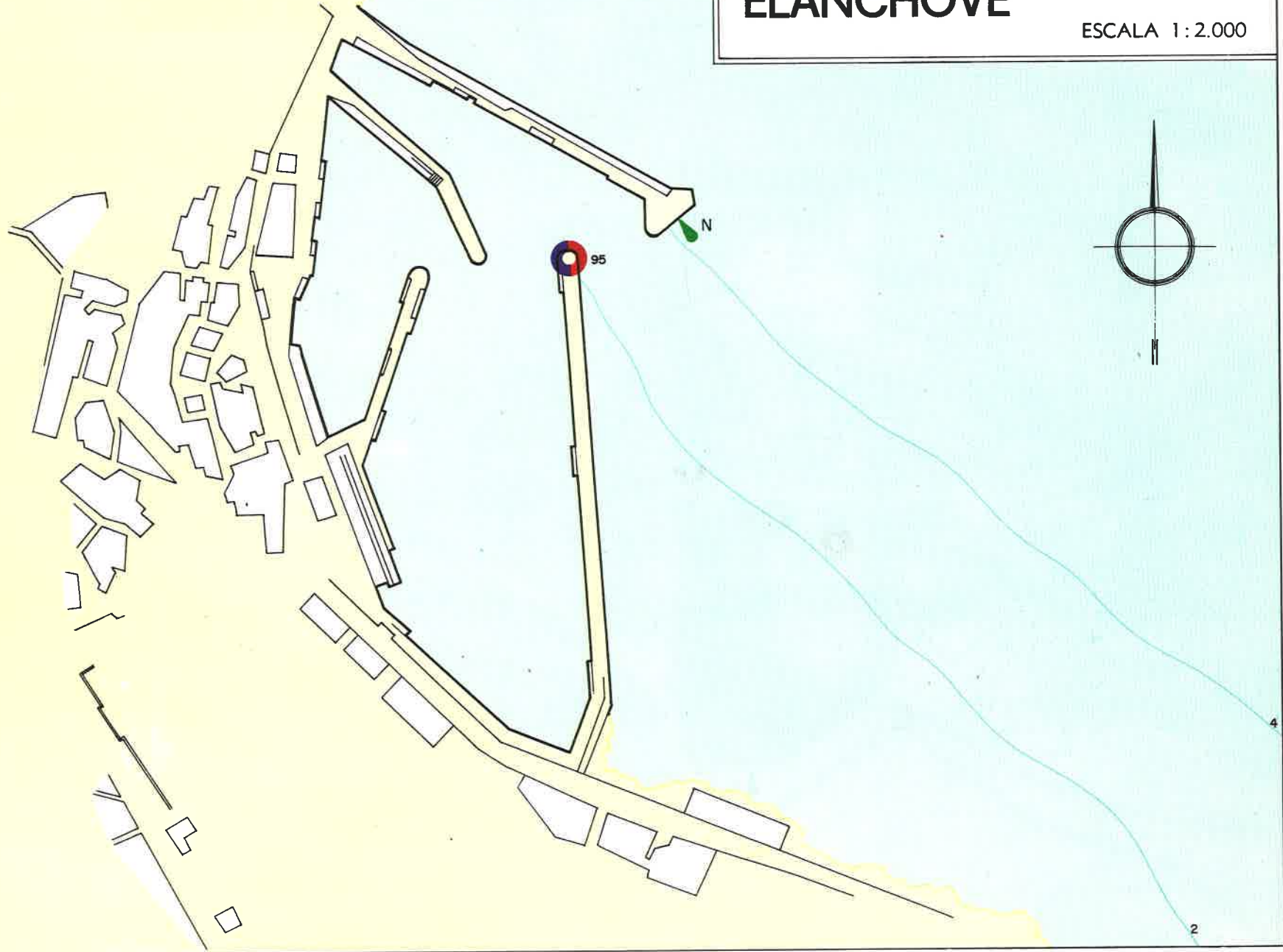
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GRUPO DE PUERTOS DE VIZCAYA

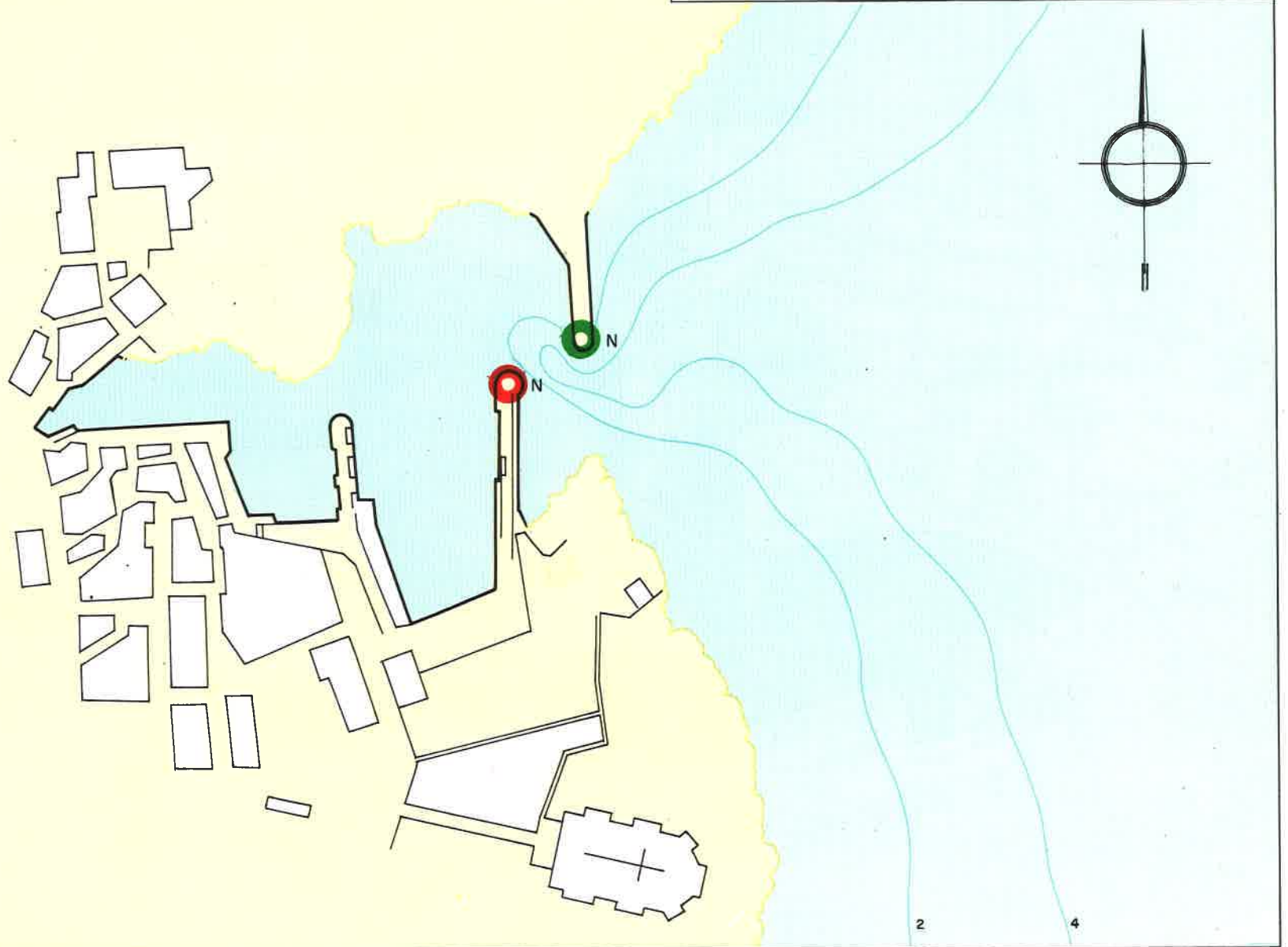
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MUNDACA

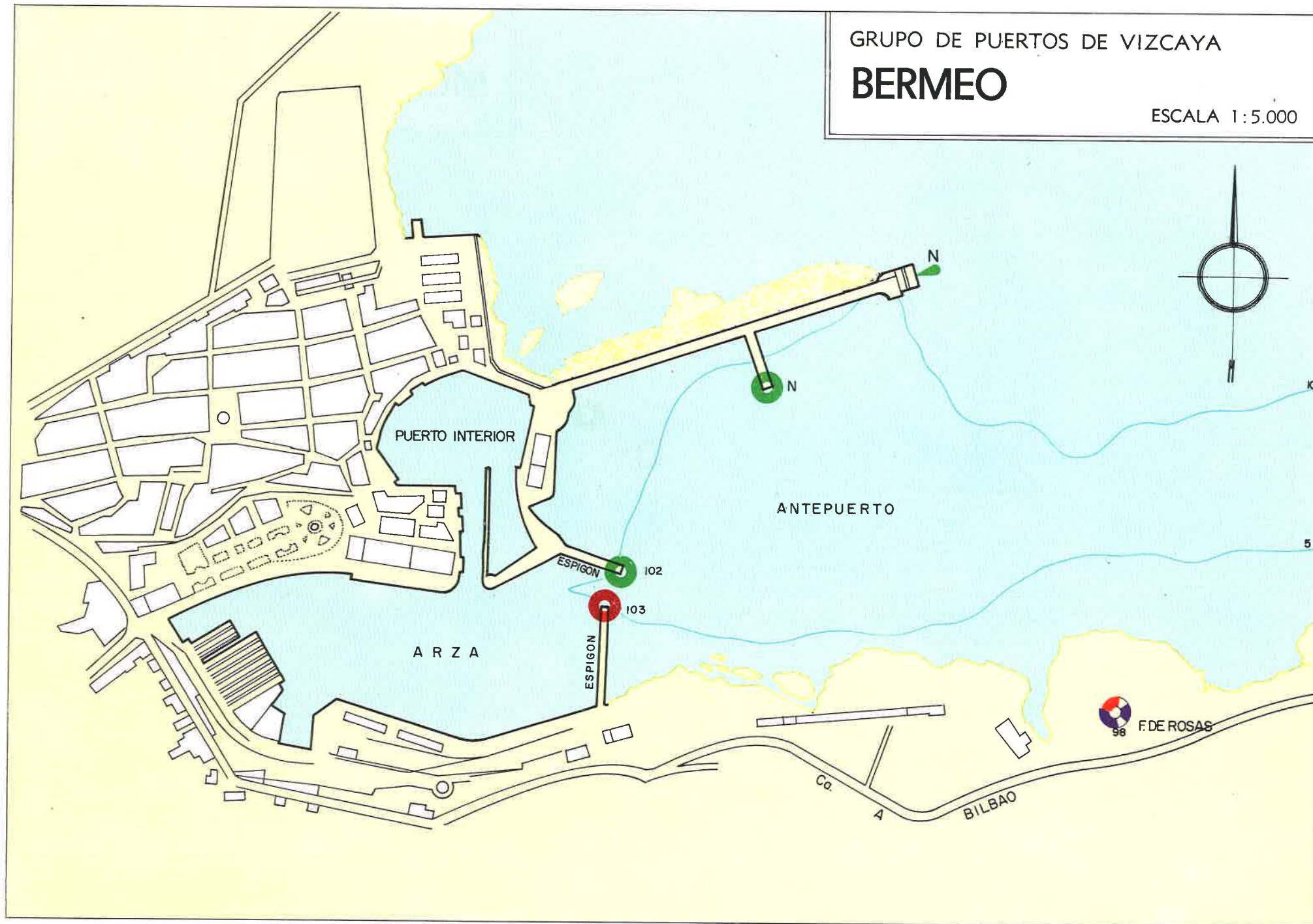
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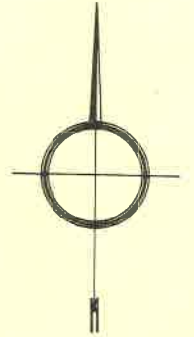
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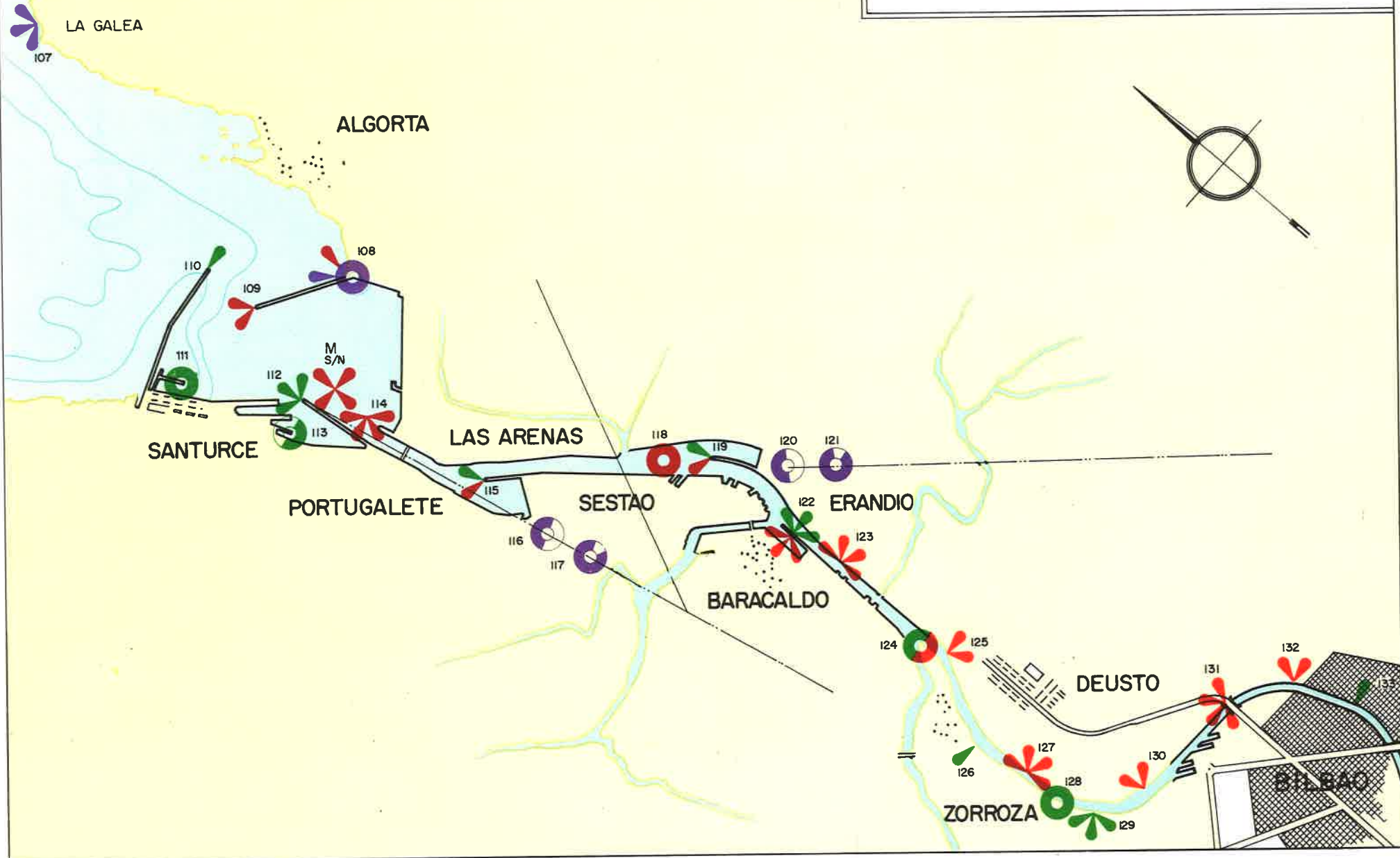
ARMINTZA

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PUERTO DE BILBAO

ESCALA 1 : 50.000



PUERTO DE
CIERVANA

ESCALA 1 : 2.000



CASTRO URDIALES

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FARO DEL CASTILLO
DE SANTA ANA

135

139

138

136

M

137

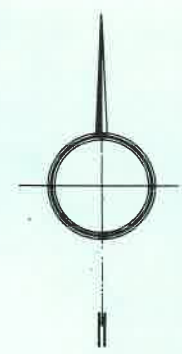
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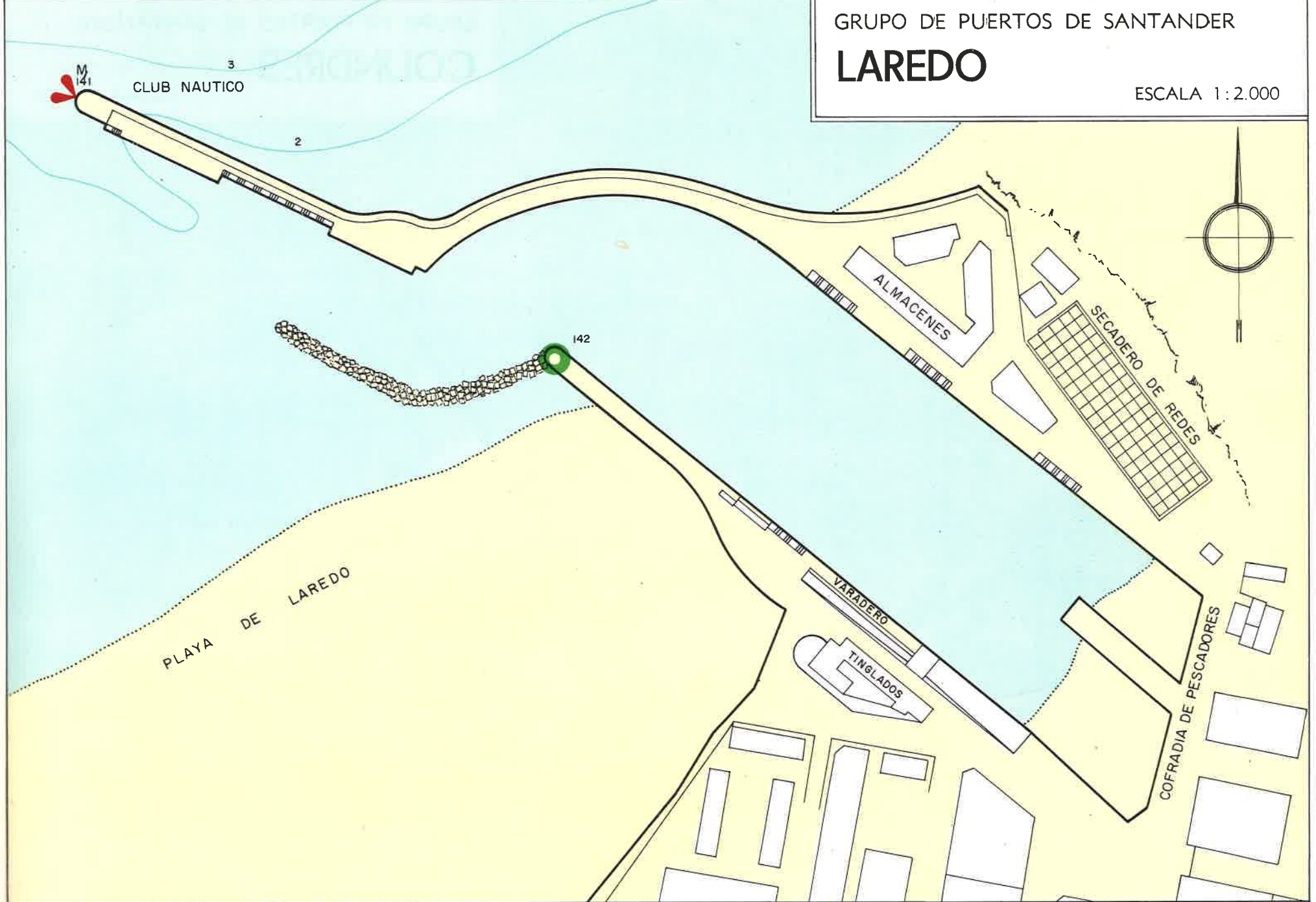
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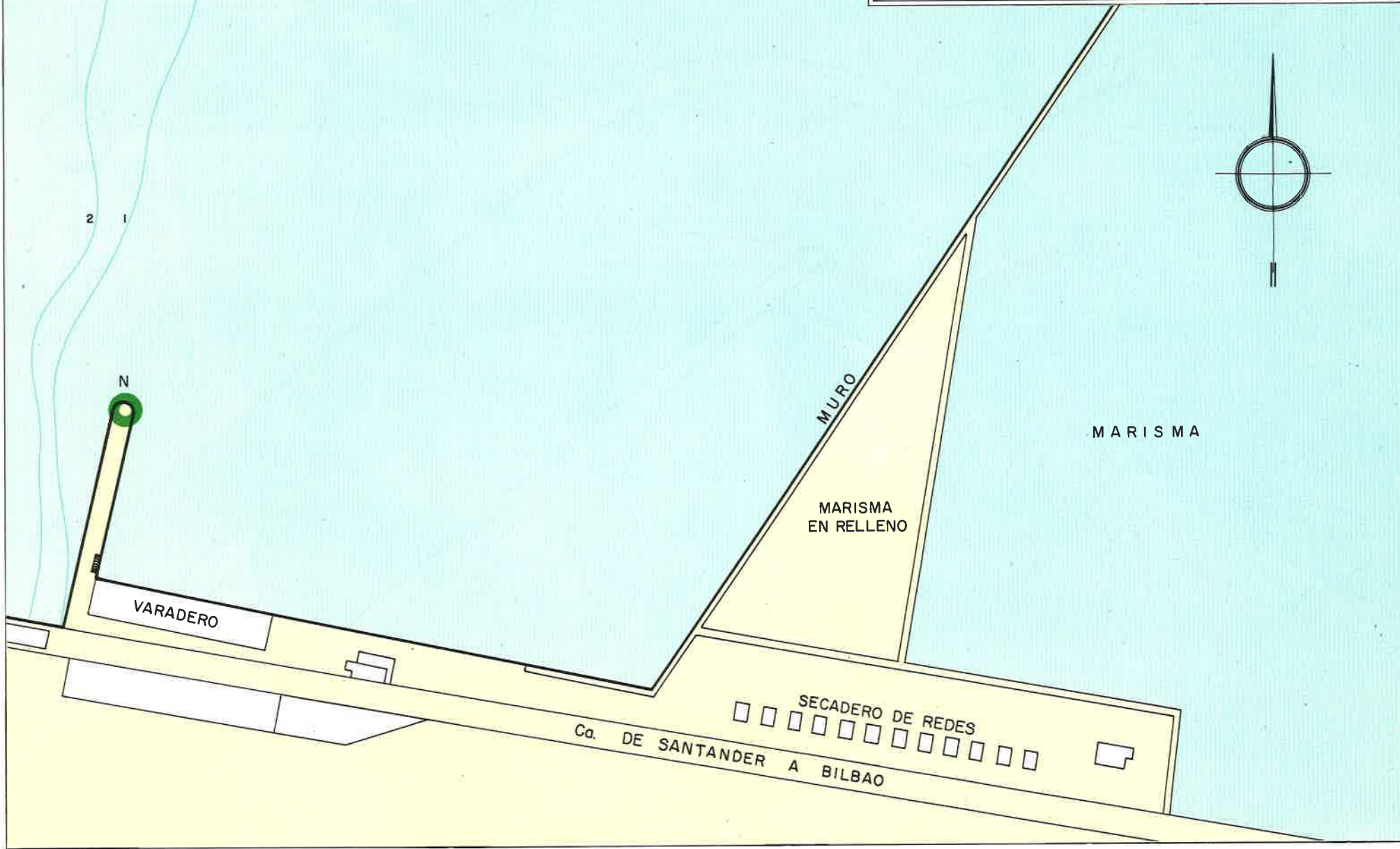
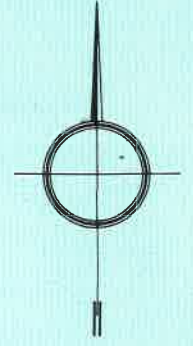
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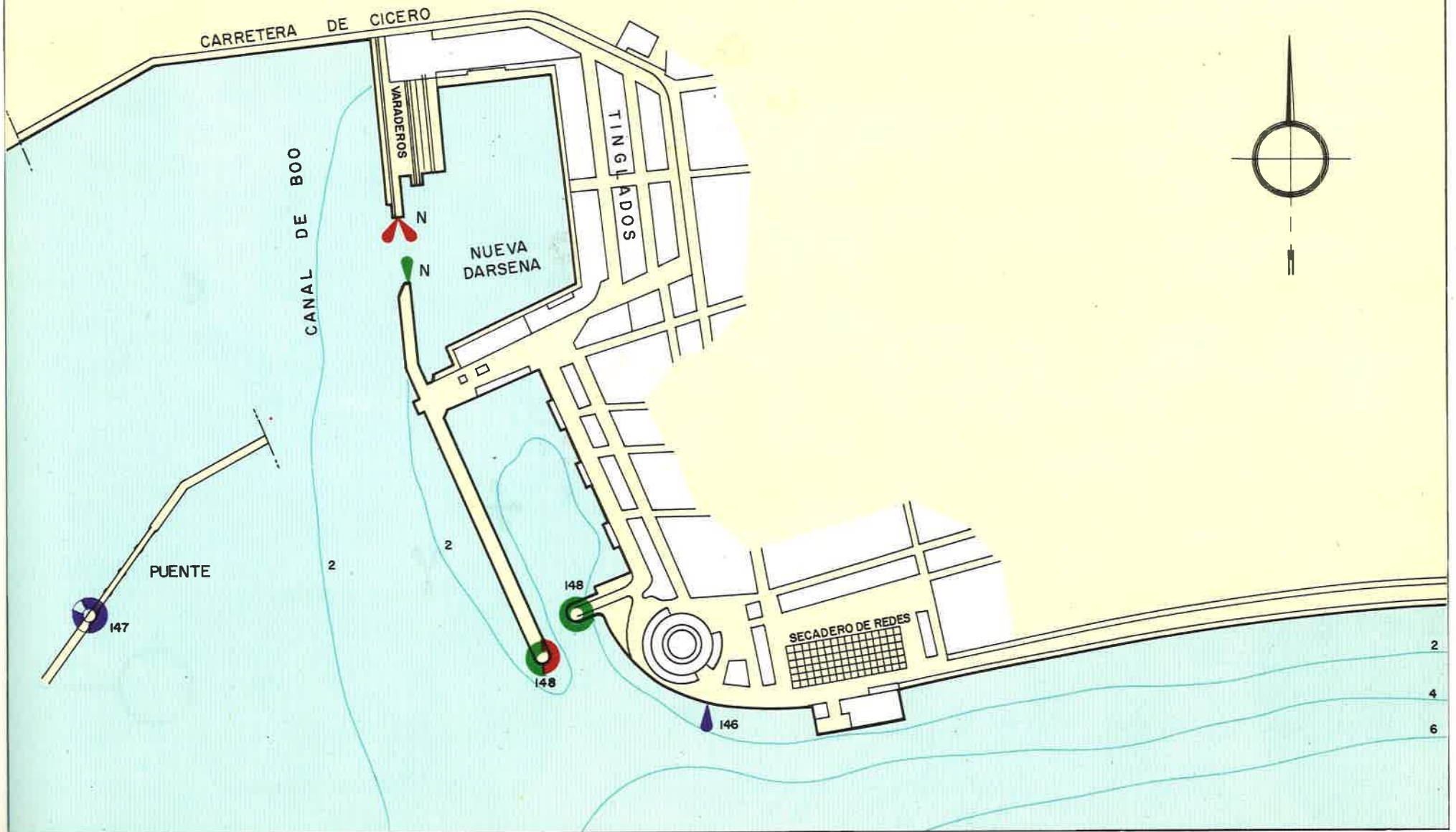


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COLINDRES

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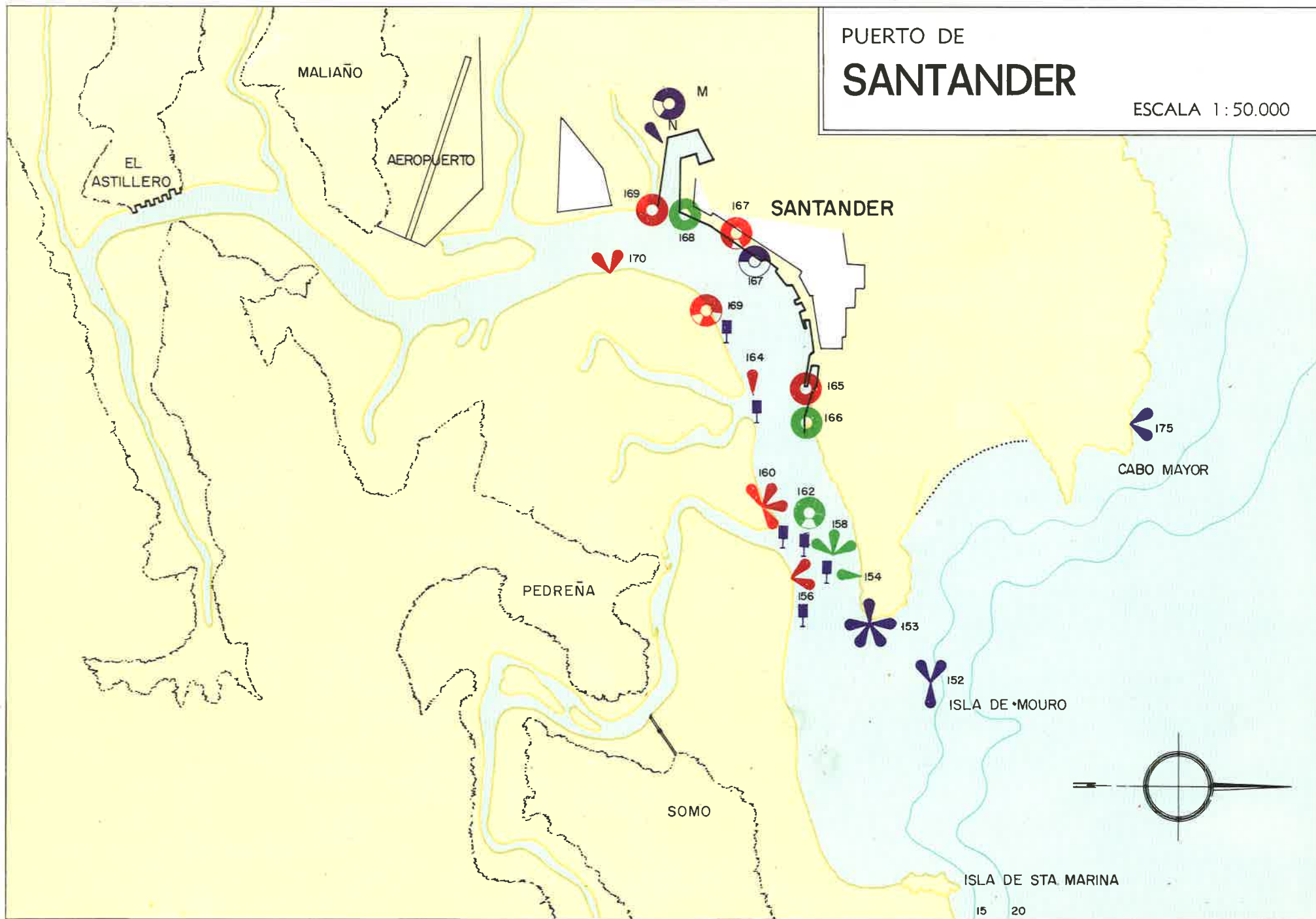


SANTOÑA



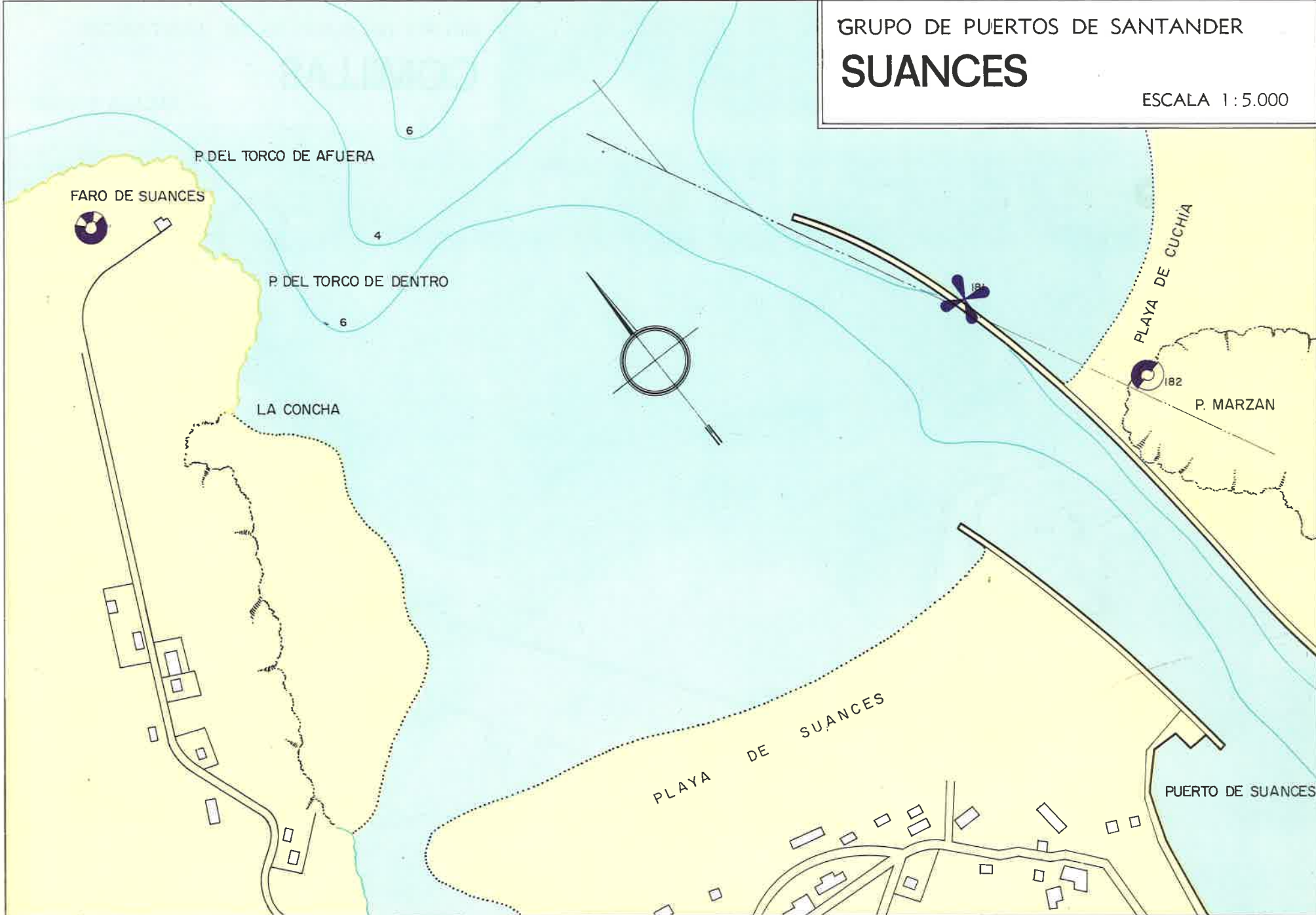
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SANTANDER

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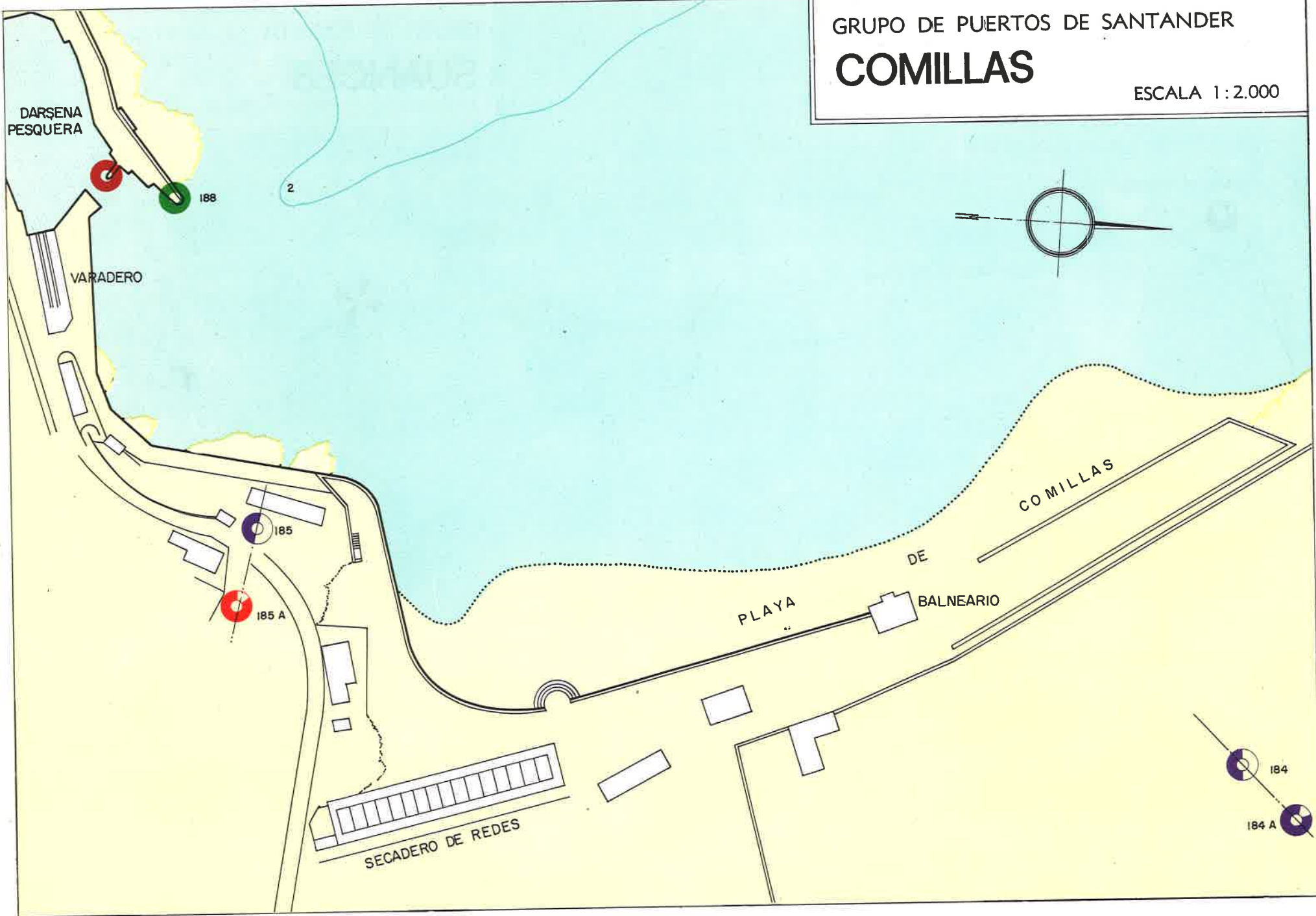
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SUANCES



GRUPO DE PUERTOS DE SANTANDER
COMILLAS

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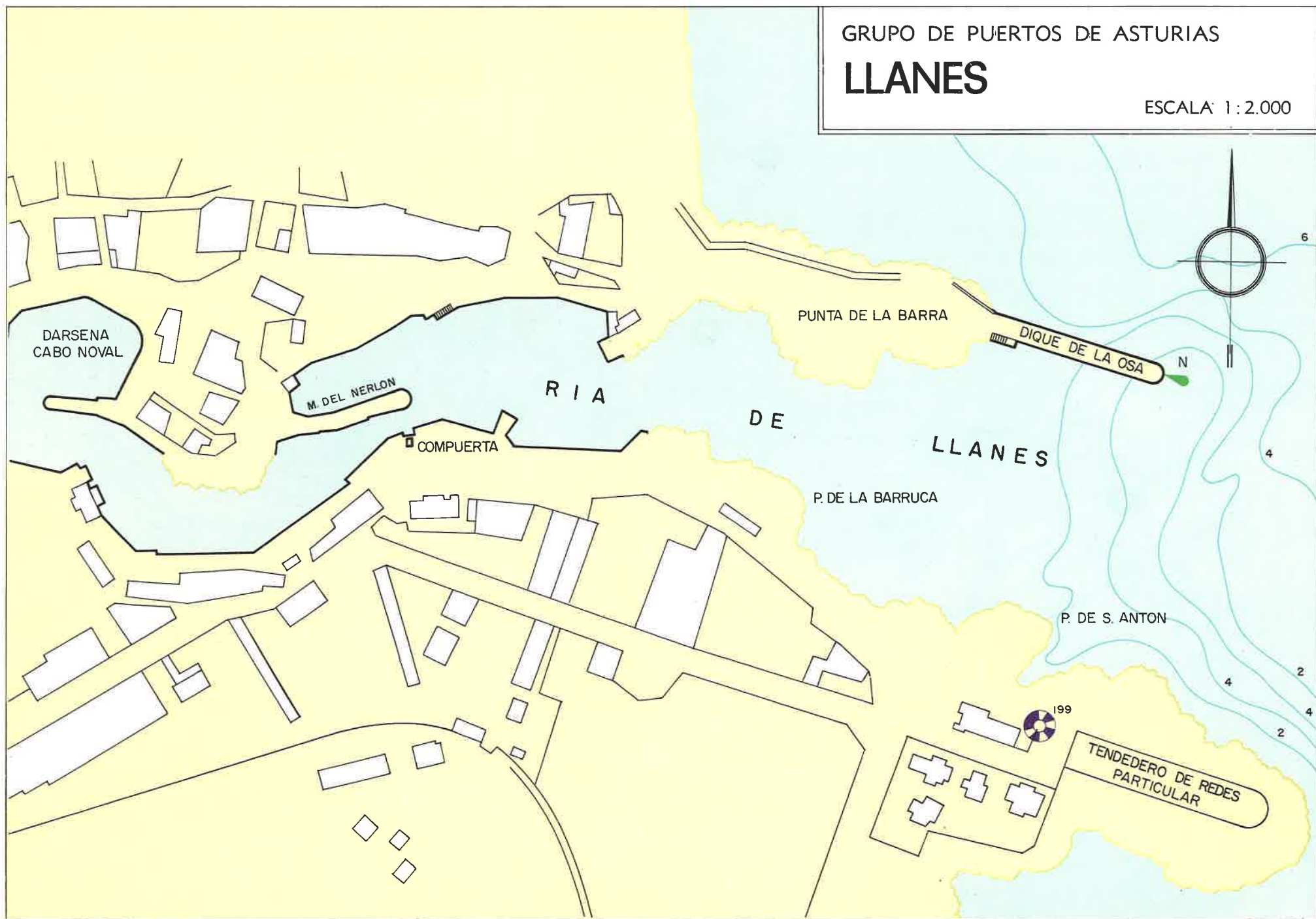
GRUPO DE PUERTOS DE SANTANDER

SAN VICENTE DE LA BARQUERA

ESCALA 1:10.000



LLANES

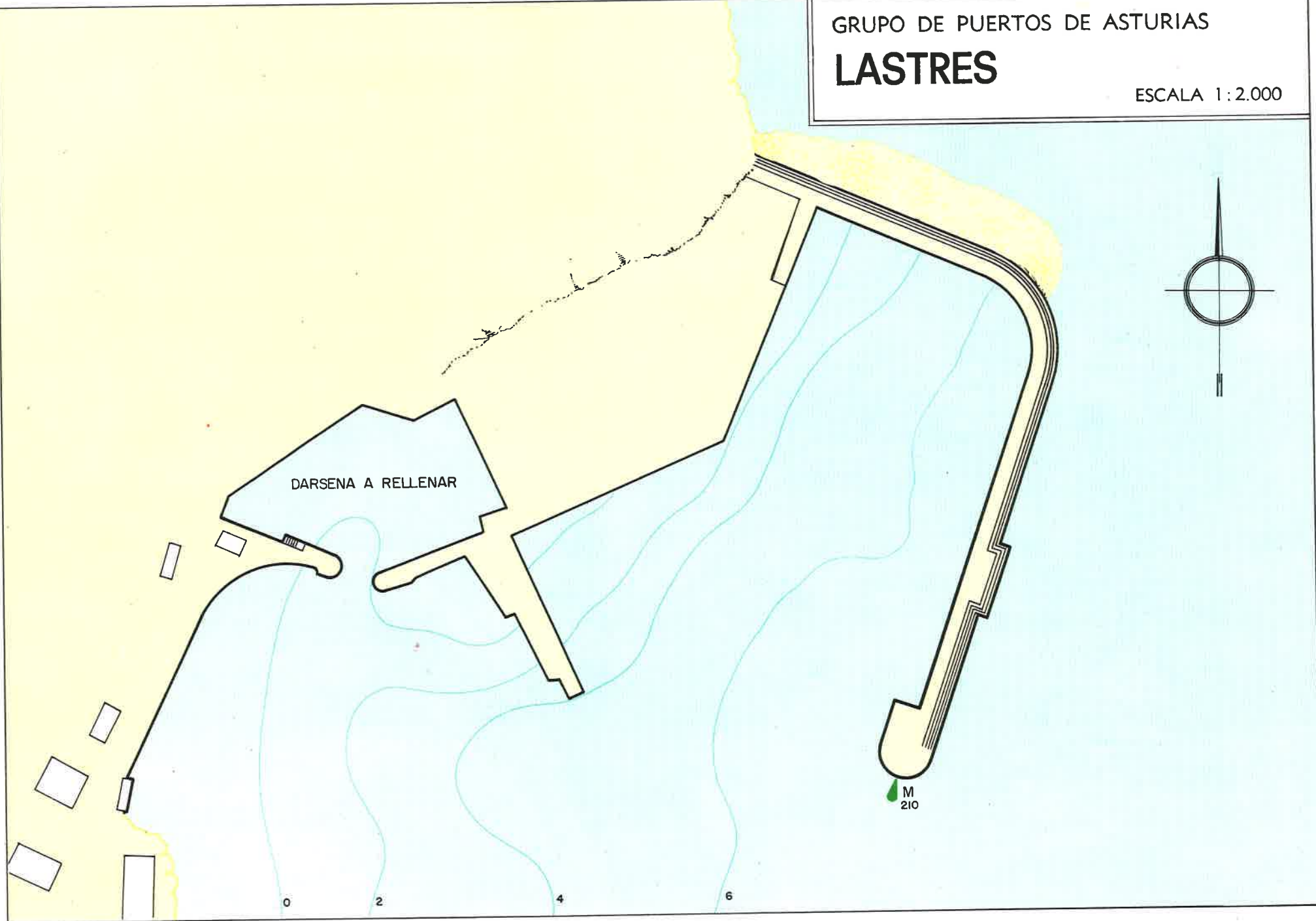


RIBADESELLA

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LASTRES




GRUPO DE PUERTOS DE ASTURIAS

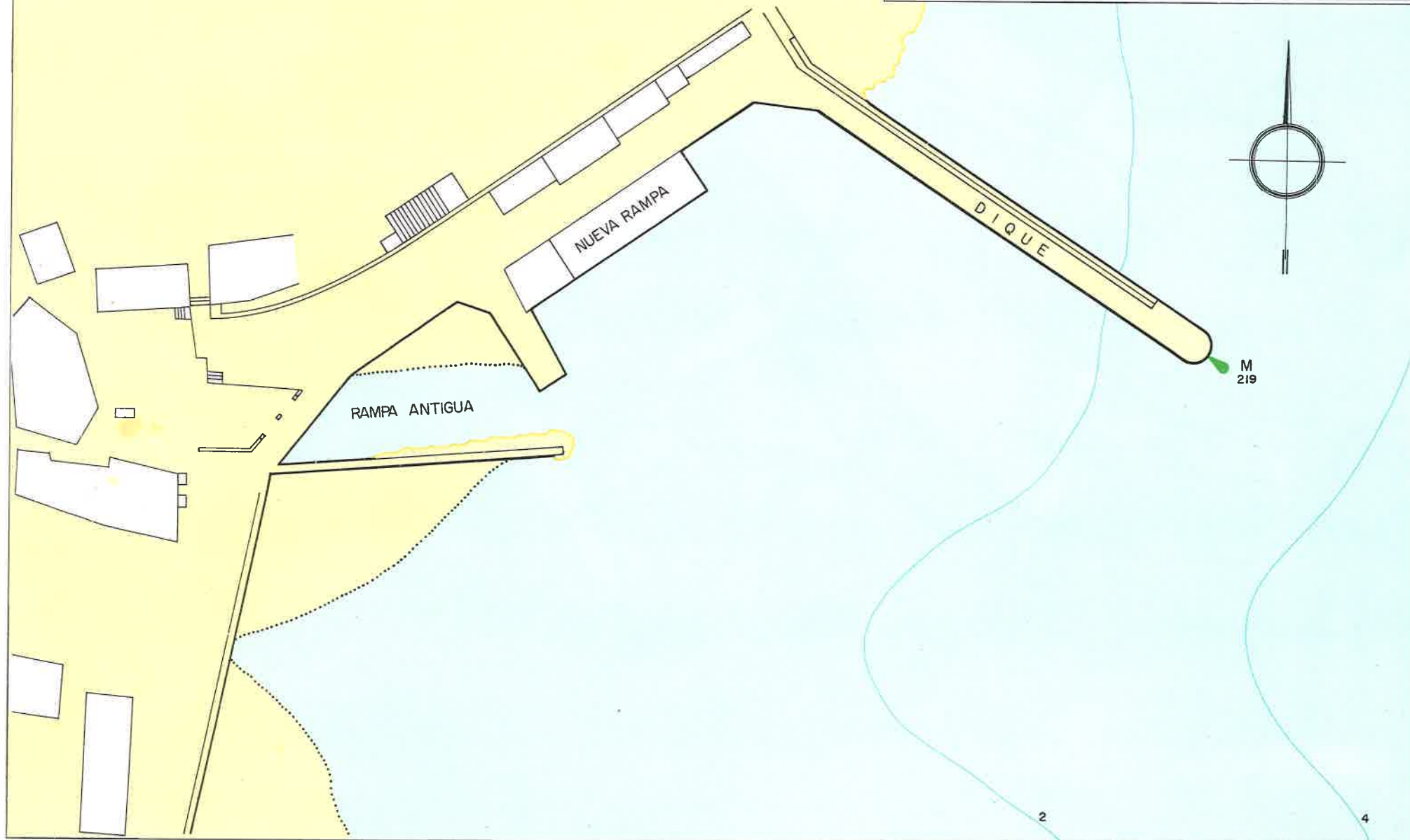
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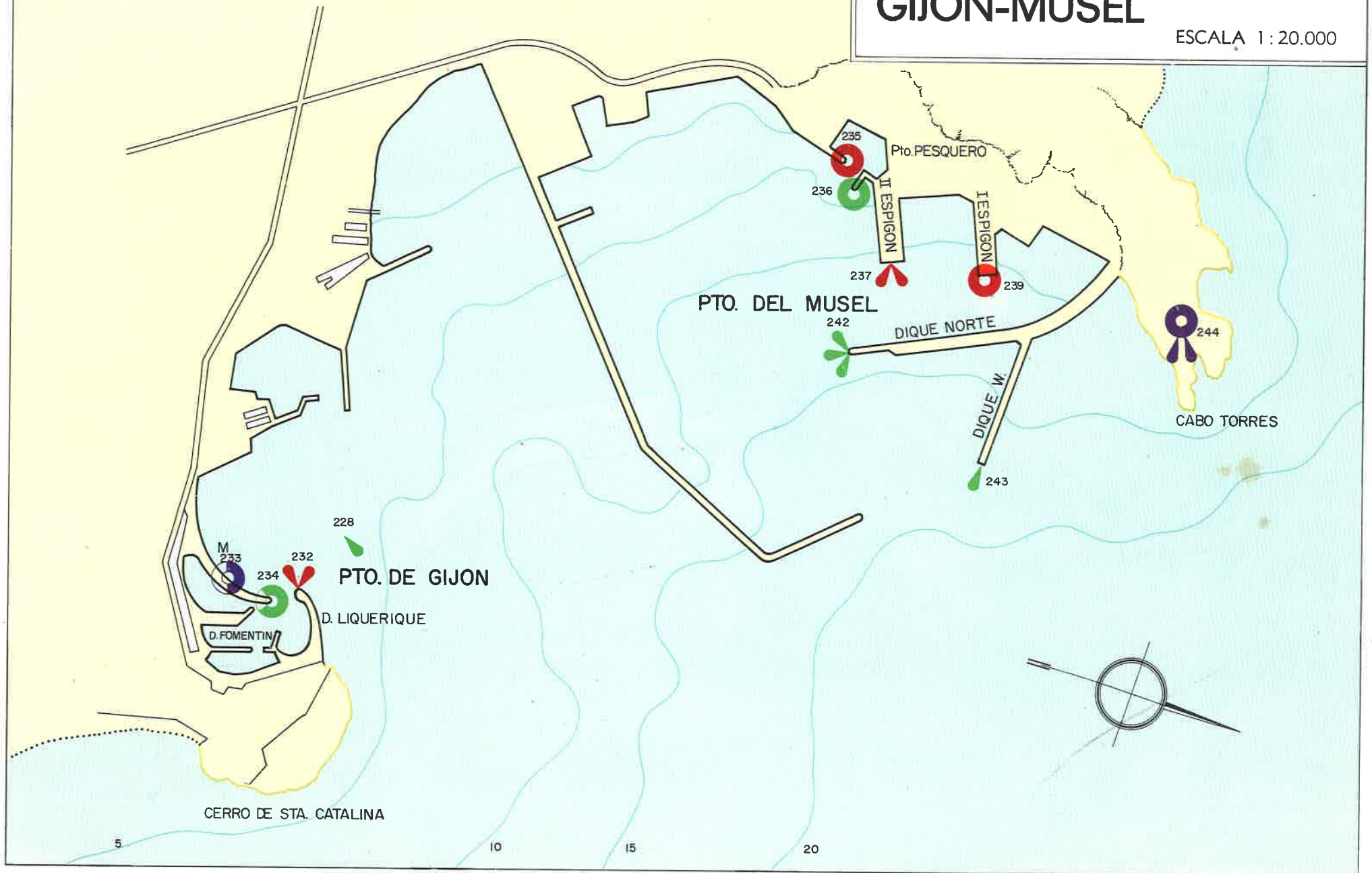
TAZONES

FARO
(PUNTA ARICUAS)  216



PUERTO DE GIJON-MUSEL

ESCALA 1 : 20.000



CANDAS

ESCALA 1 : 2.000

FARO DEL CABO S. ANTONIO



ENTRADA FRANCA



PRECAUCIONES



PELIGRO - ISOFASE

NAUToFONO



M
249



M
248

P. DEL CUERNO

246

DARSENA

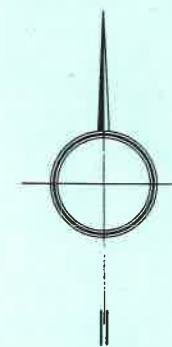
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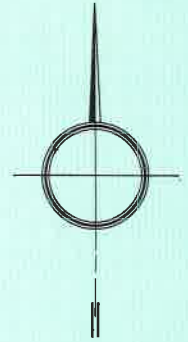
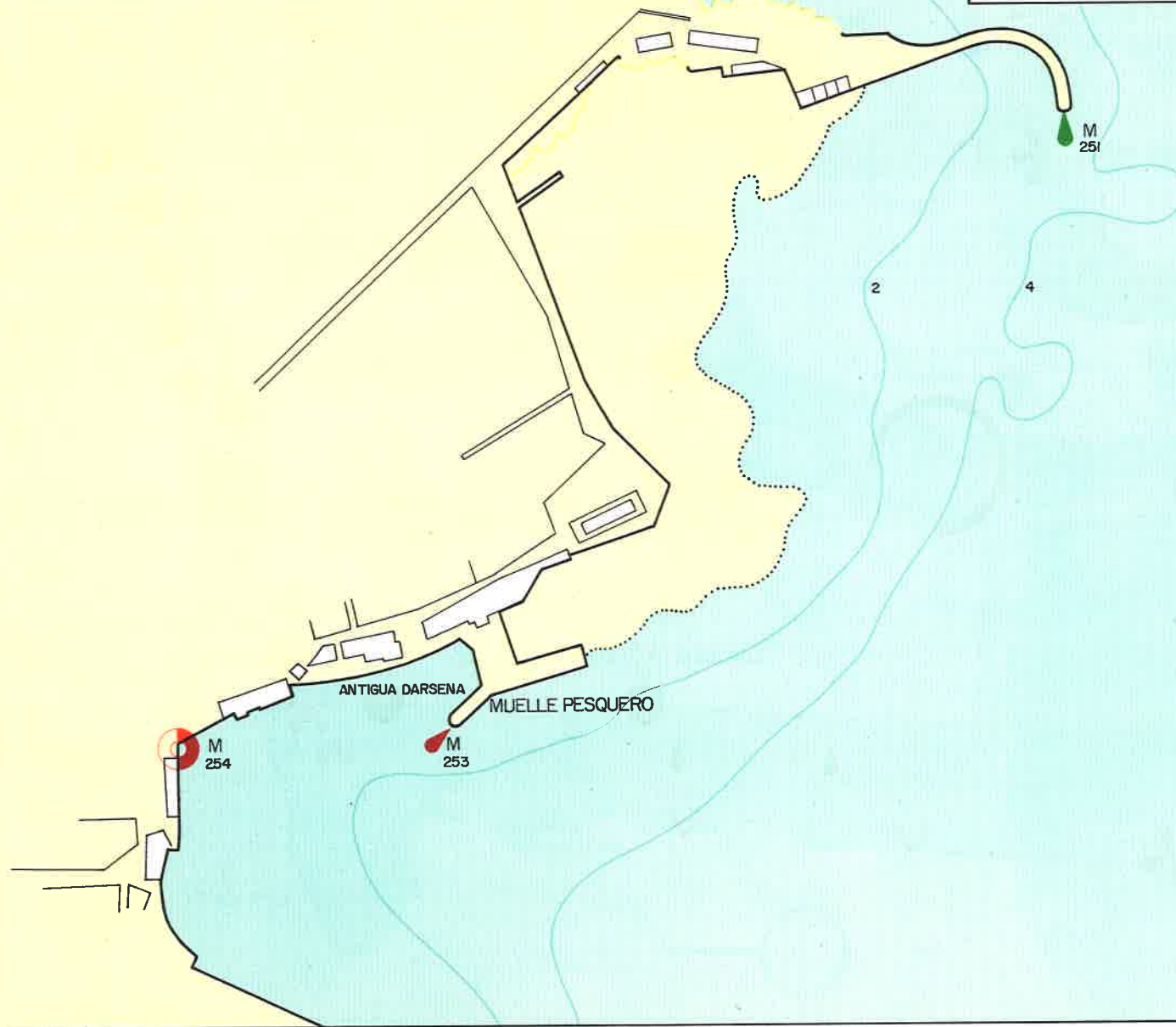
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LUANCO

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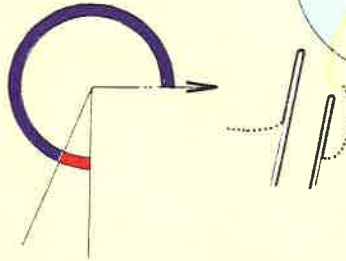


PUERTO DE AVILES

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DETALLE 259
DEMORAS



AVILES



DARSENA DE S. AGUSTIN



275

CANAL DE PEDRO MENDEZ



274



276



272



273

MENDASA

MUELLE RAICES



271

FONDEADERO DEL MONUMENTO



271

270



265 A



265

ENSENADA DE LLODERO



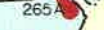
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269 M



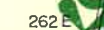
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264



263 E



263



262 E



262



261 F



260



259



261



261



261



261



261

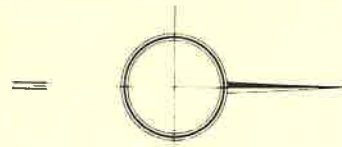


261



261

F DE AVILES



PUERTO DE

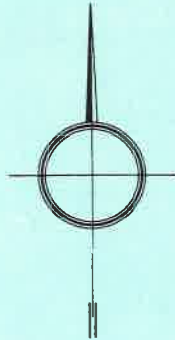
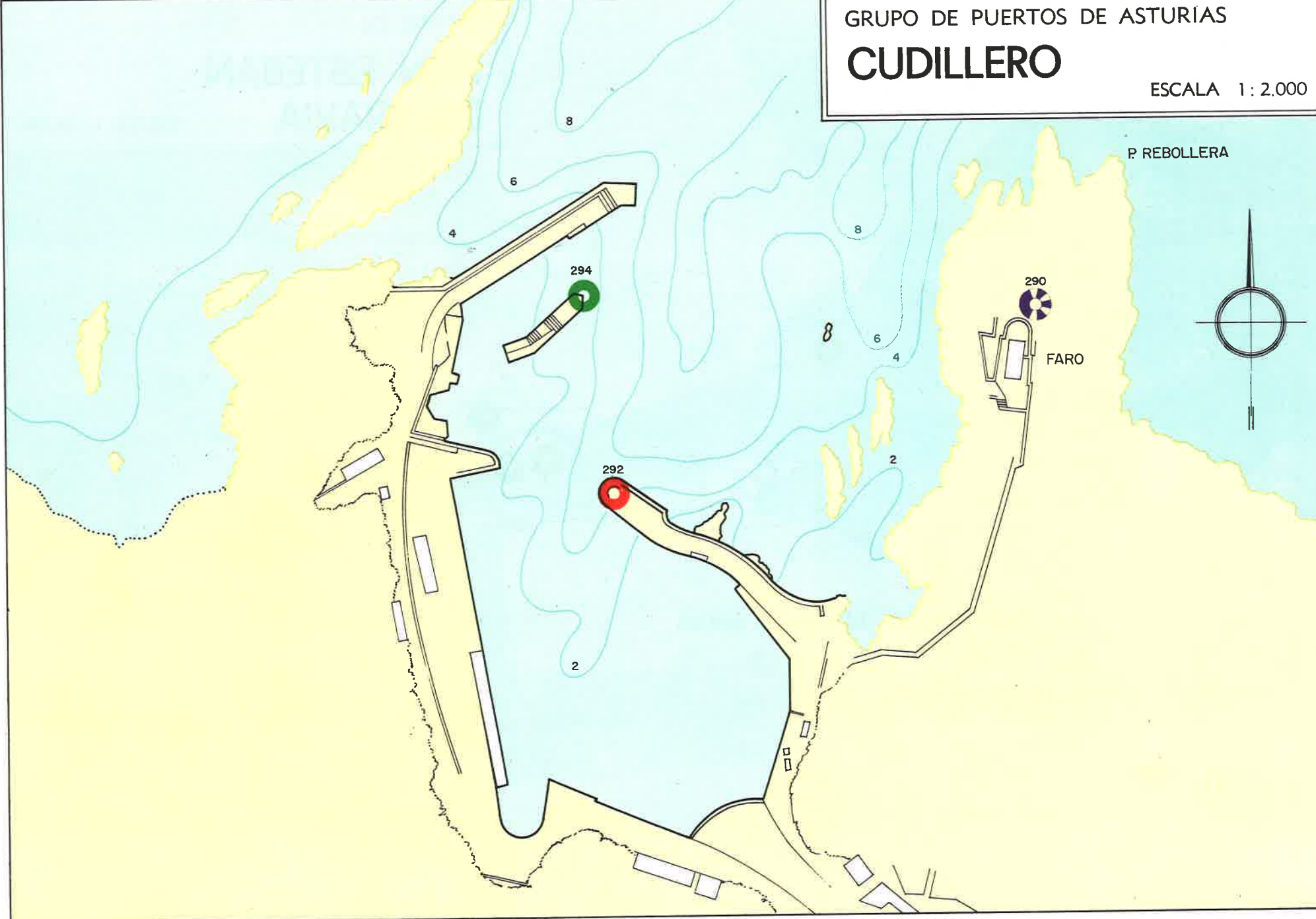
SAN ESTEBAN DE PRAVIA

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CUDILLERO

ESCALA 1:2.000



LUARCA

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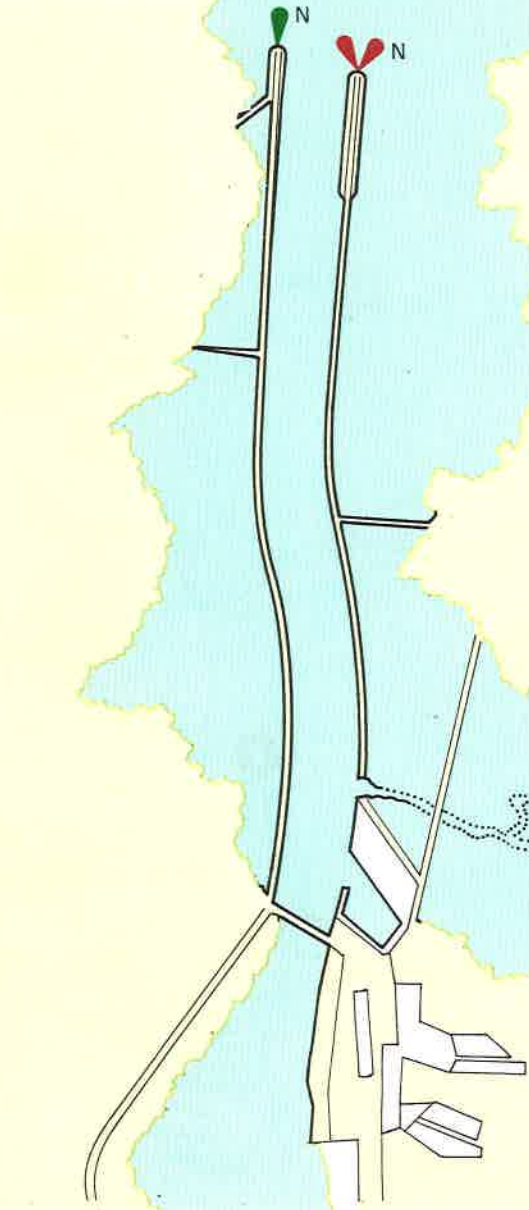
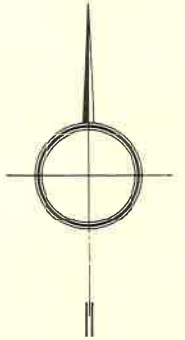
FARO DE SAN AGUSTIN

315

GRUPO DE PUERTOS DE ASTURIAS

NAVIA

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PUERTO DE VEGA

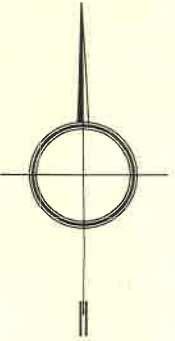
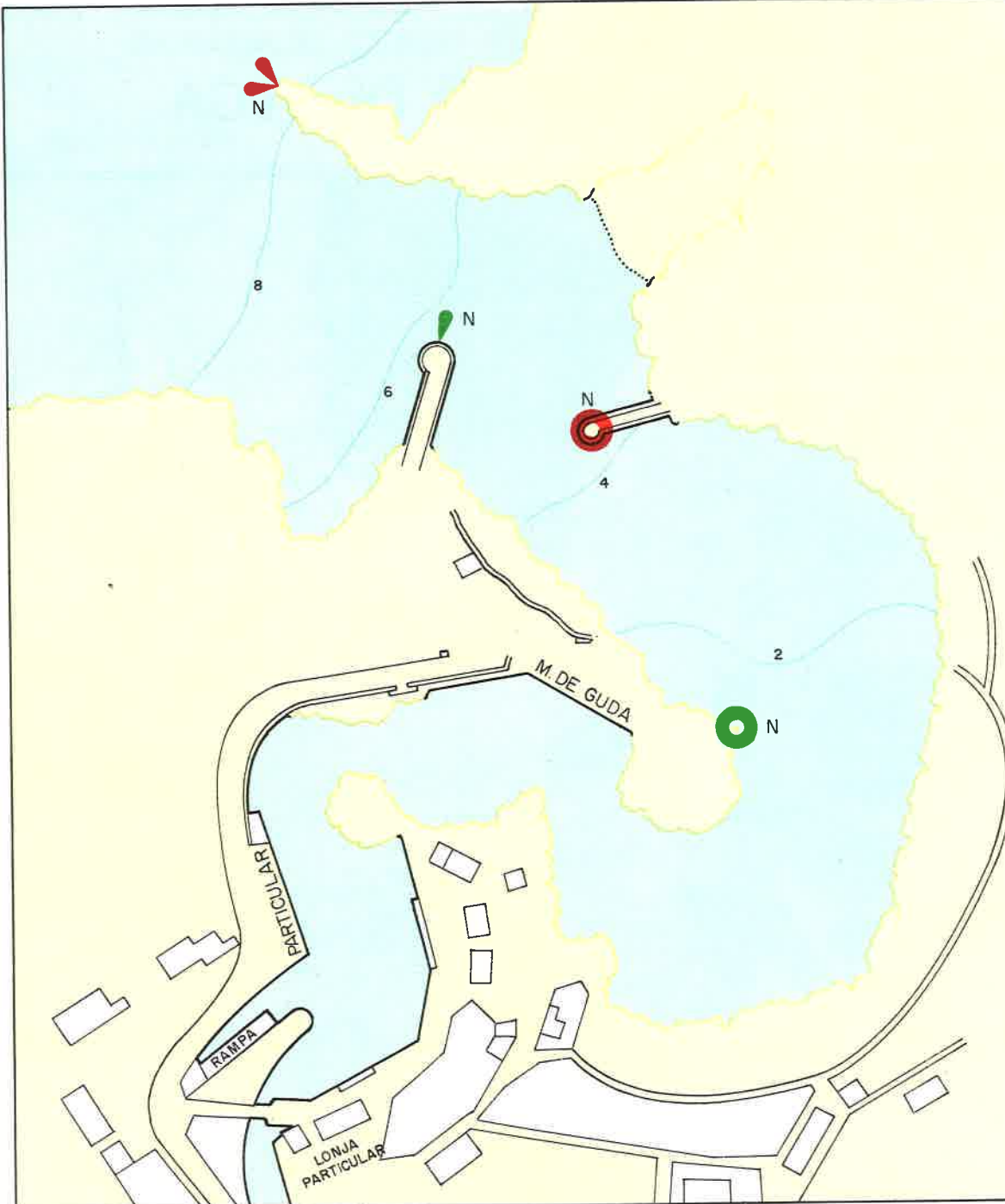
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GRUPO DE PUERTOS DE ASTURIAS

VIAVELEZ

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TAPIA

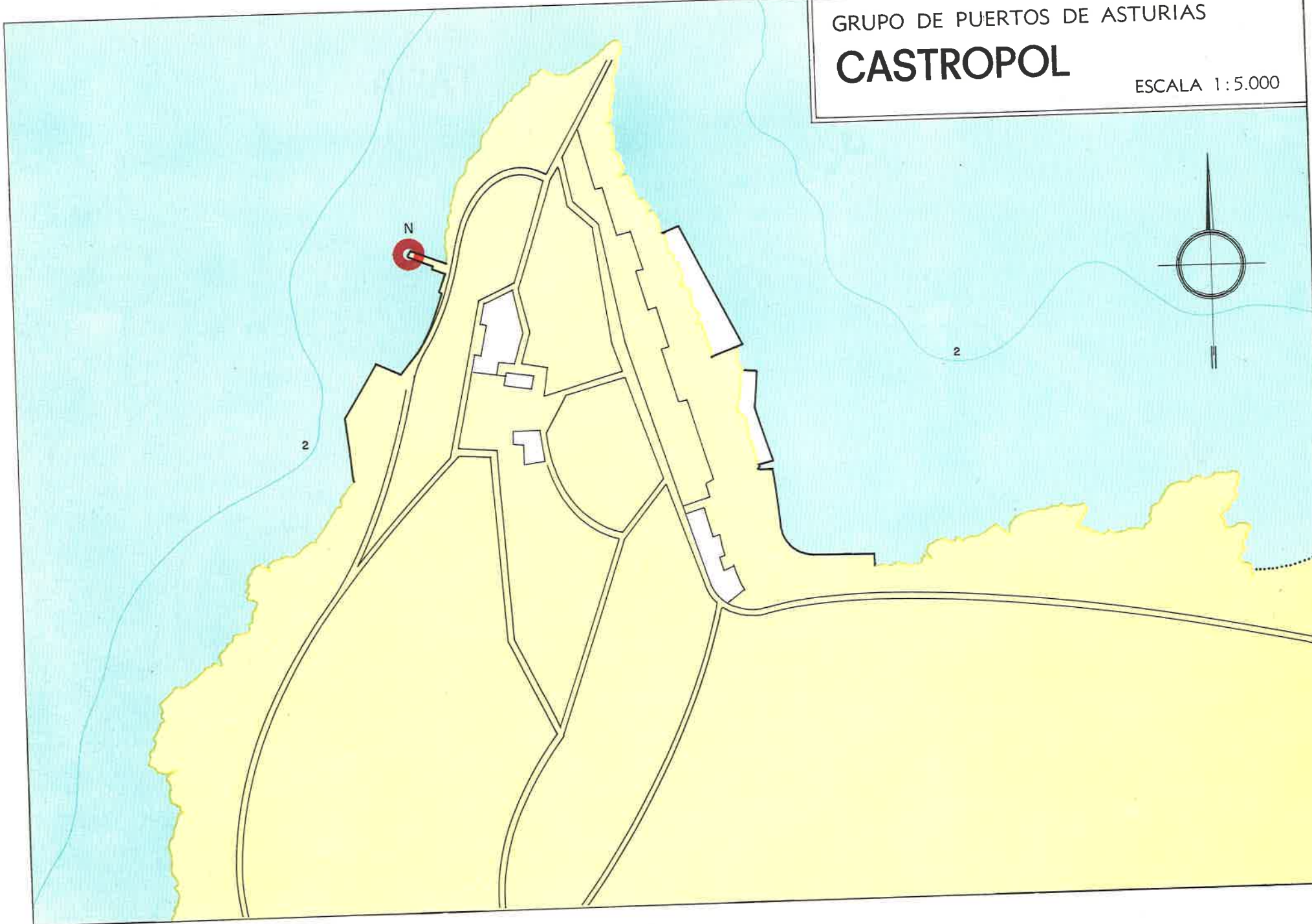
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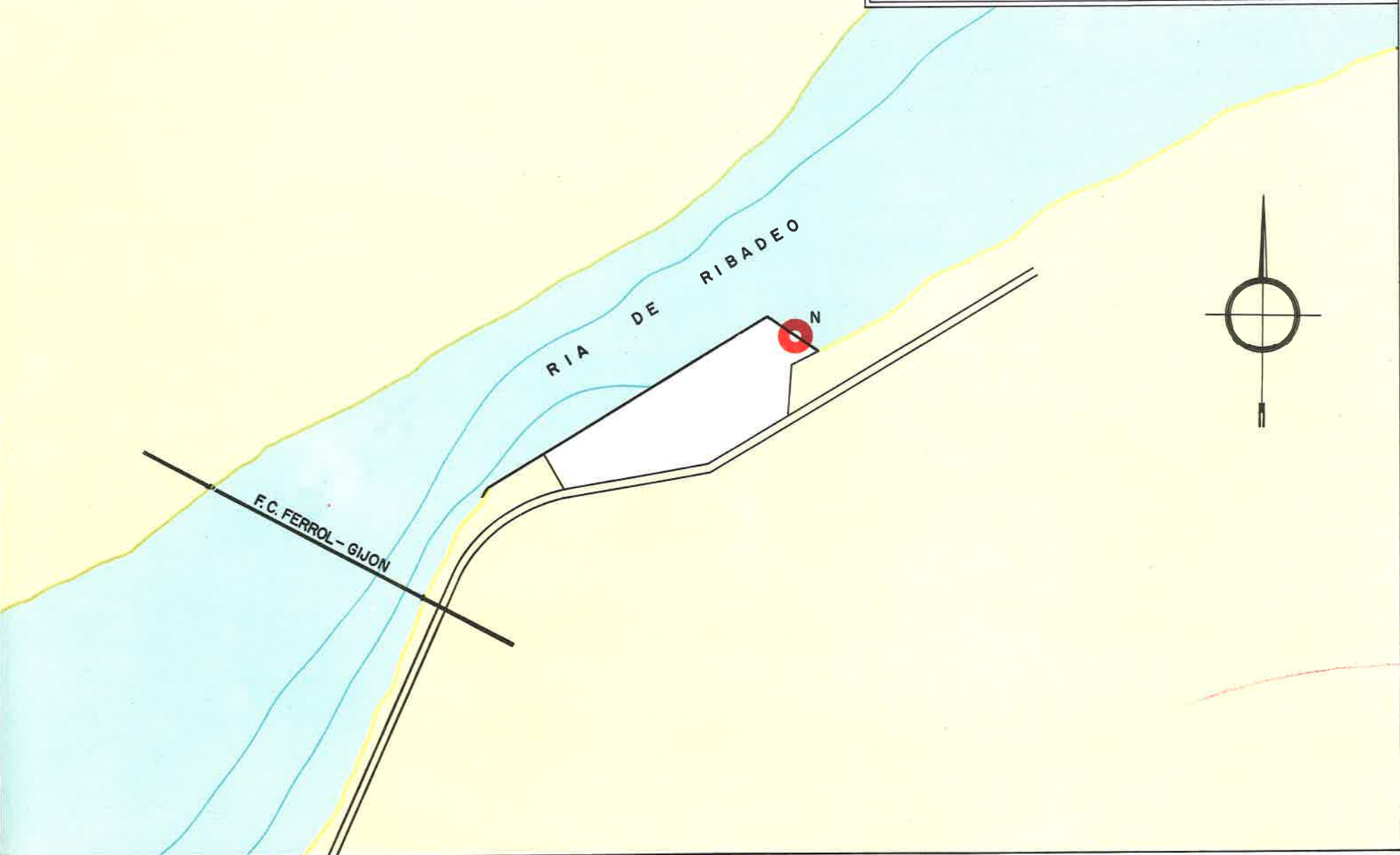
CASTROPOL

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VEGADEO

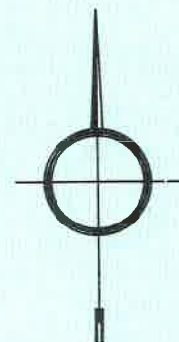
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GRUPO DE PUERTOS DE LUGO

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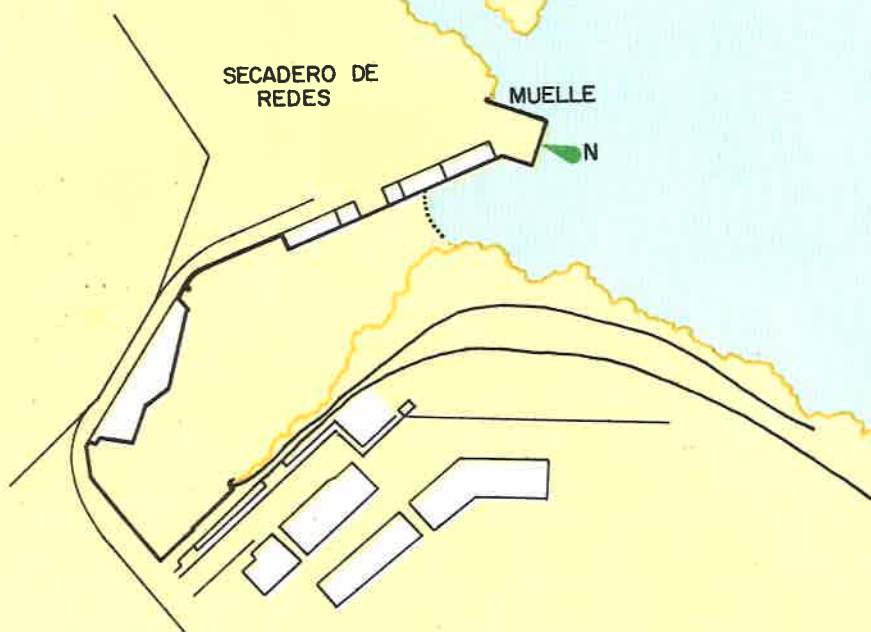
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SECADERO DE
REDES

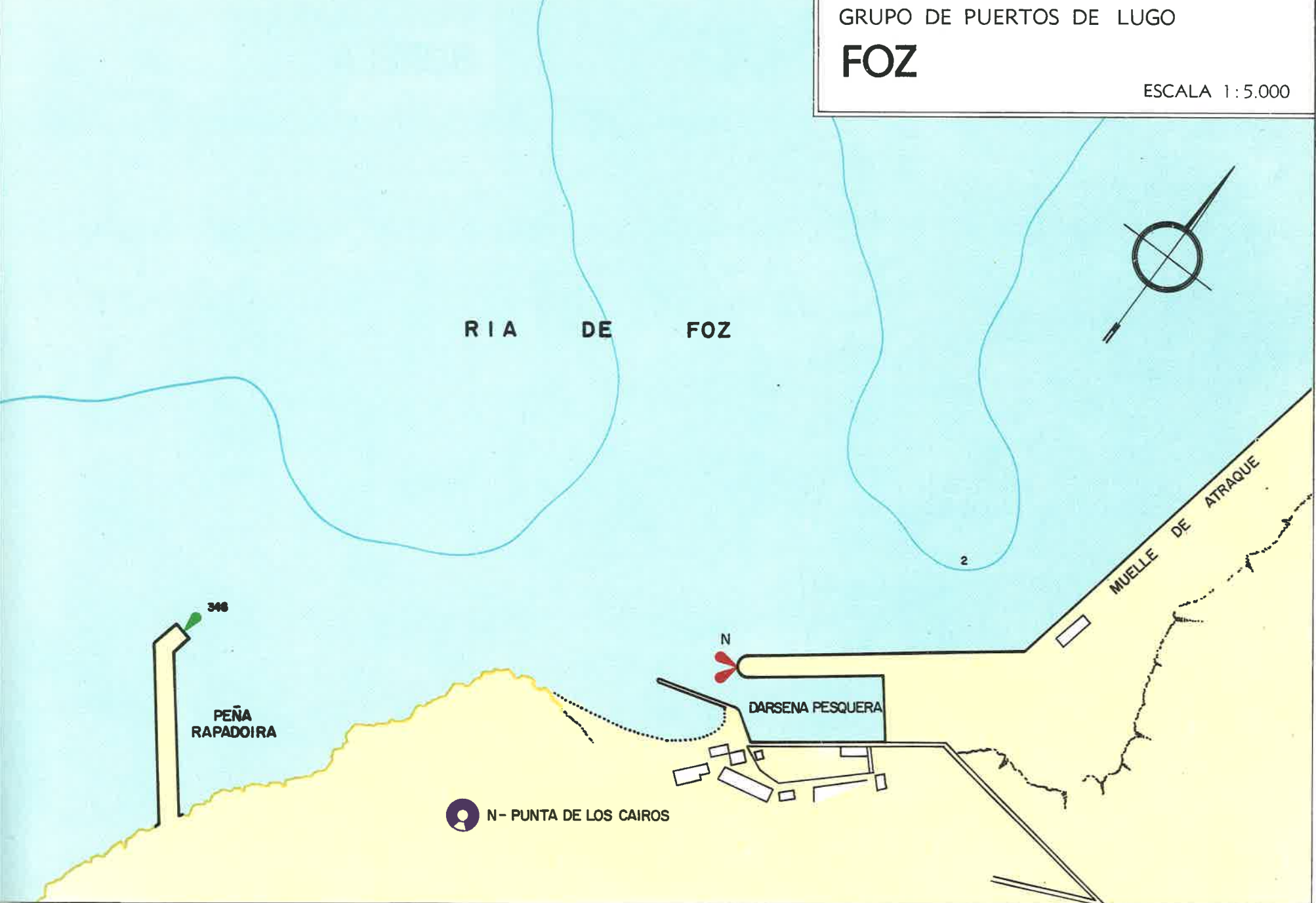
MUELLE

N



FOZ

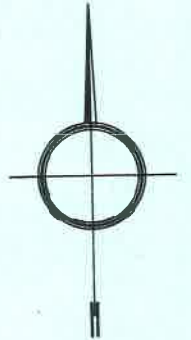
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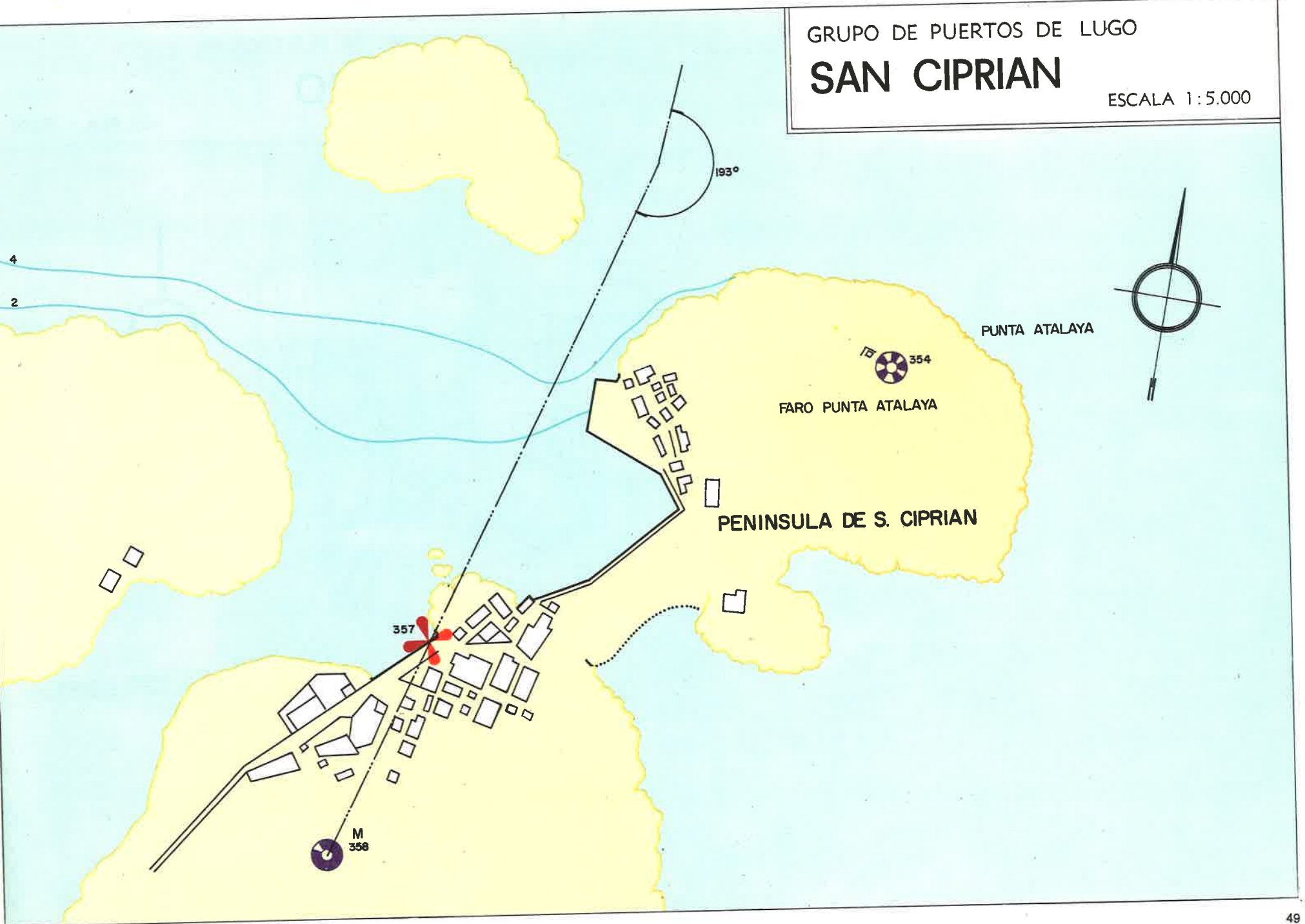
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GRUPO DE PUERTOS DE LUGO

SAN CIPRIAN

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GRUPO DE PUERTOS DE LUGO

CILLERO

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MUELLE DE RIBERA

MUELLE DE
HORMIGON ARMADO

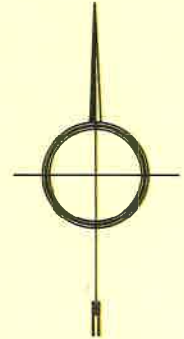
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RIA DE VIVERO

Cº DE SERVICIO AL PUERTO

CAMINO

Ca. DE RIBADEO A VIVERO






GRUPO DE PUERTOS DE LUGO

VIVERO

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-  N - PUNTA DE FARO
-  N - PUNTA SOCASTRO
-  N - PUNTA MISERICORDIA

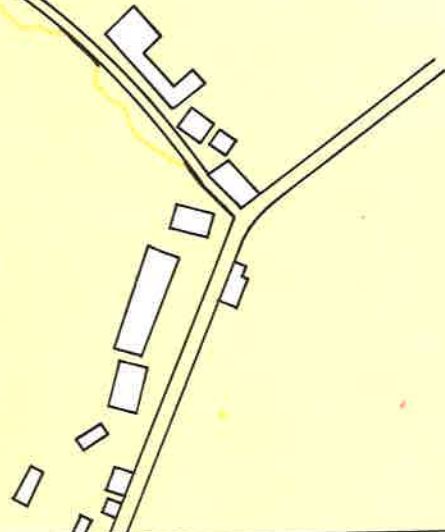
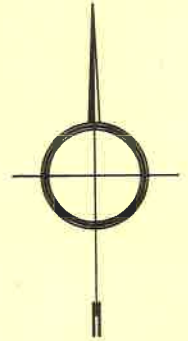
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VICEDO

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PUNTA DEL CASTRO

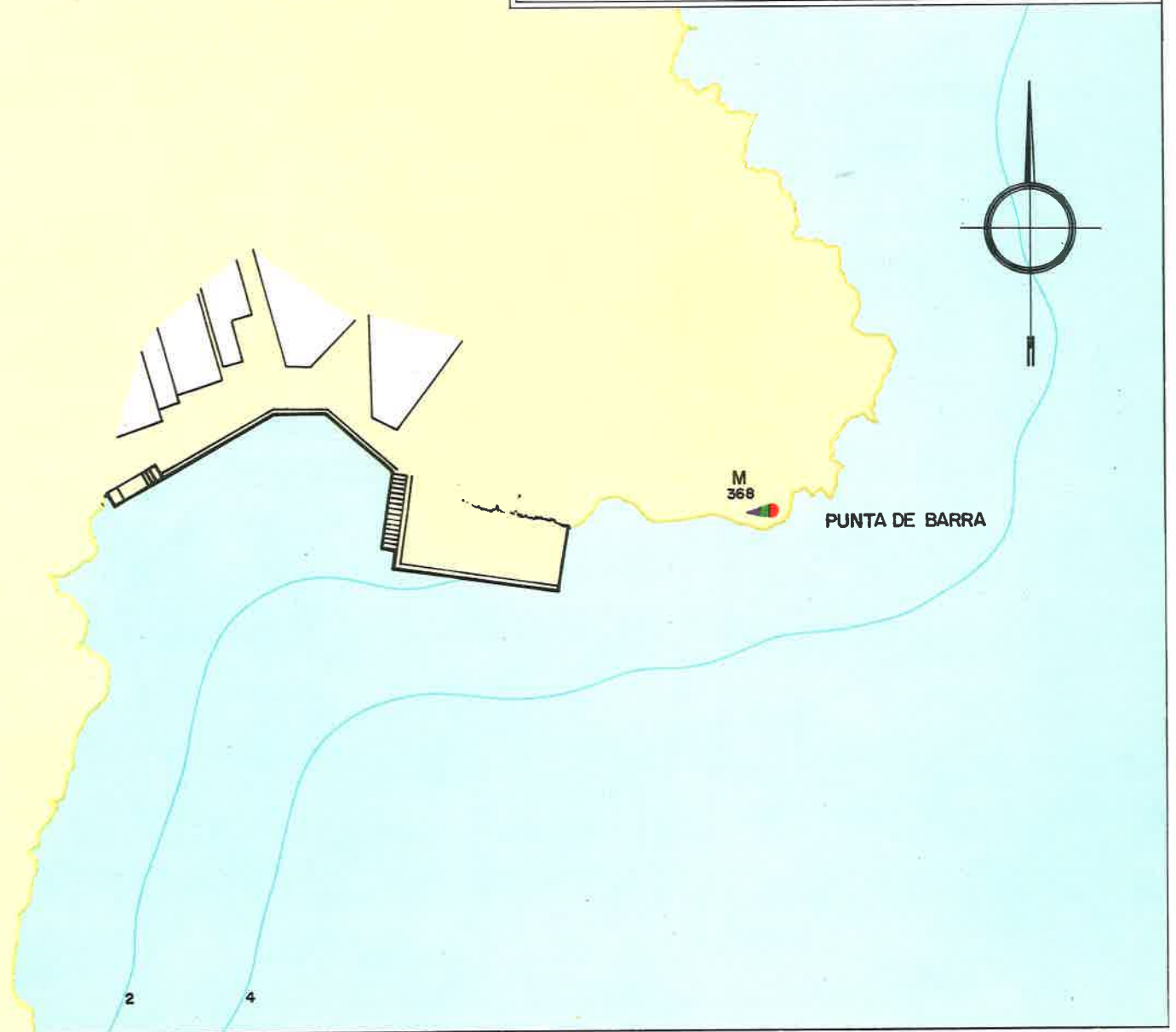
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364



GRUPO DE PUERTOS DE LUGO

BARQUERO

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GRUPO DE PUERTOS DE LA CORUÑA (Norte)

CEDEIRA

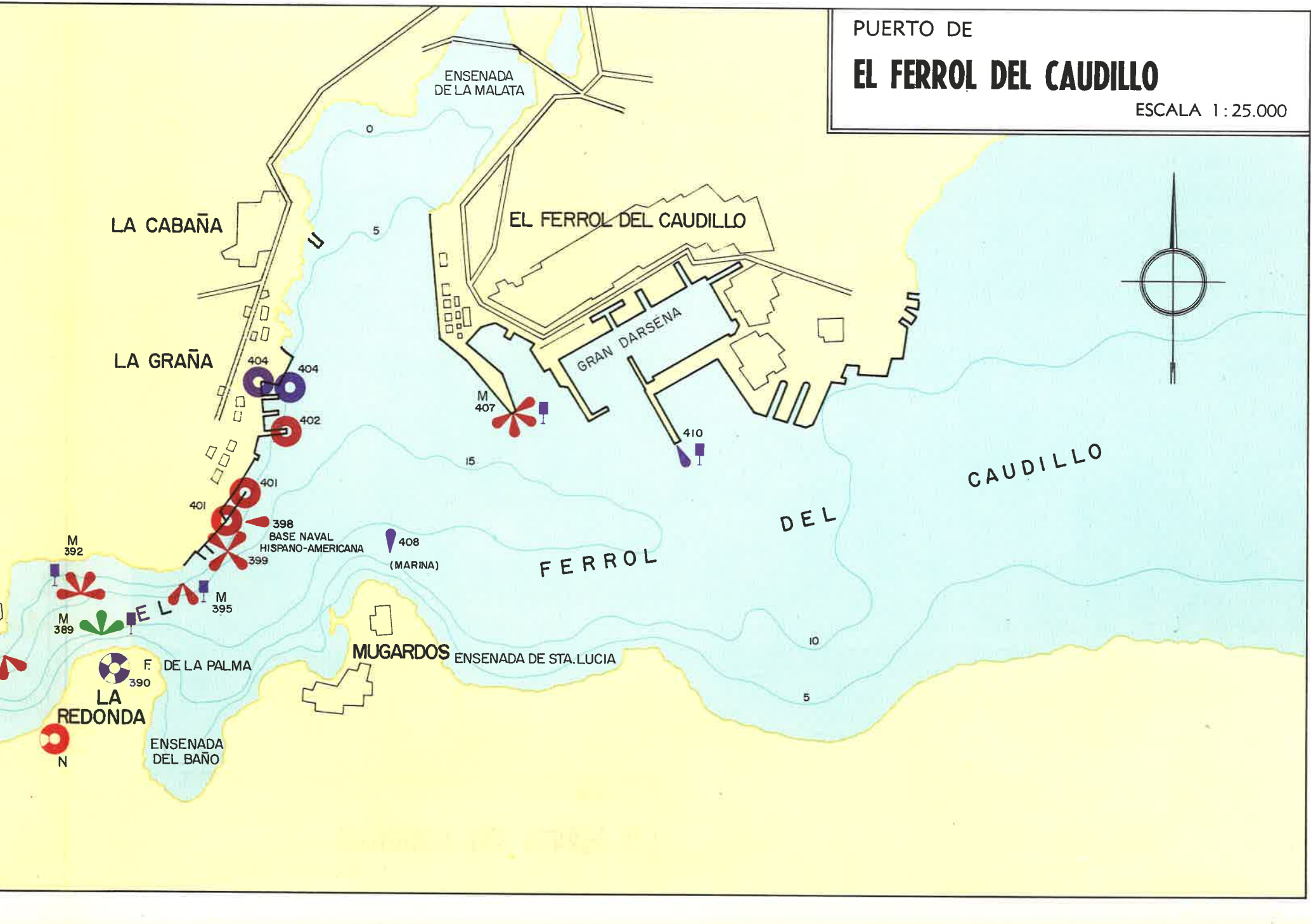
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PUERTO DE

EL FERROL DEL CAUDILLO

ESCALA 1:25.000



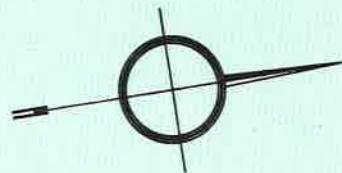
GRUPO DE PUERTOS DE LA CORUÑA (Norte)

MUGARDOS

ESCALA 1:2.000

P. FIATEIRA

N

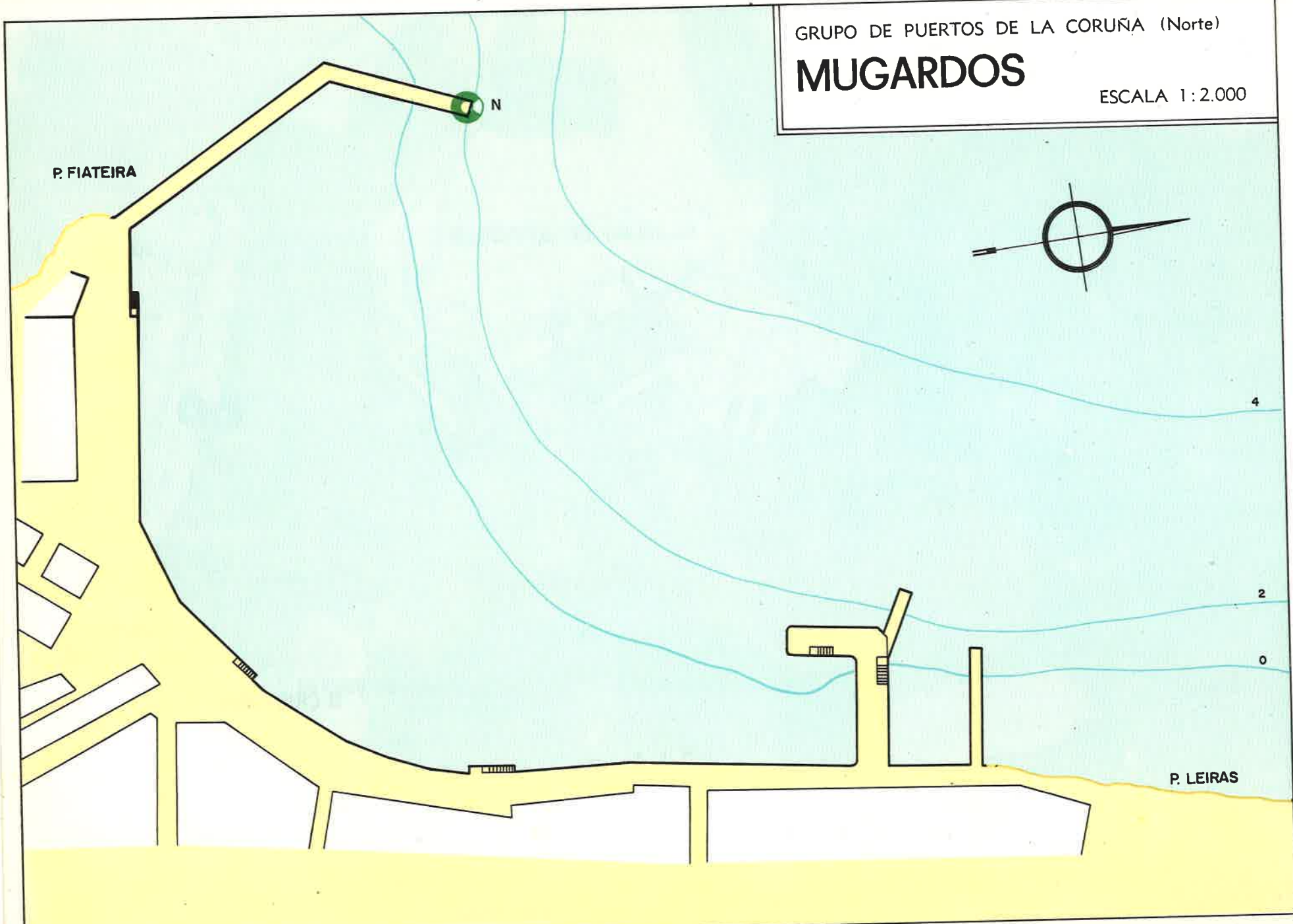


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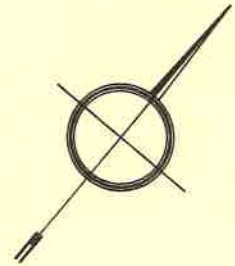
P. LEIRAS



ARES

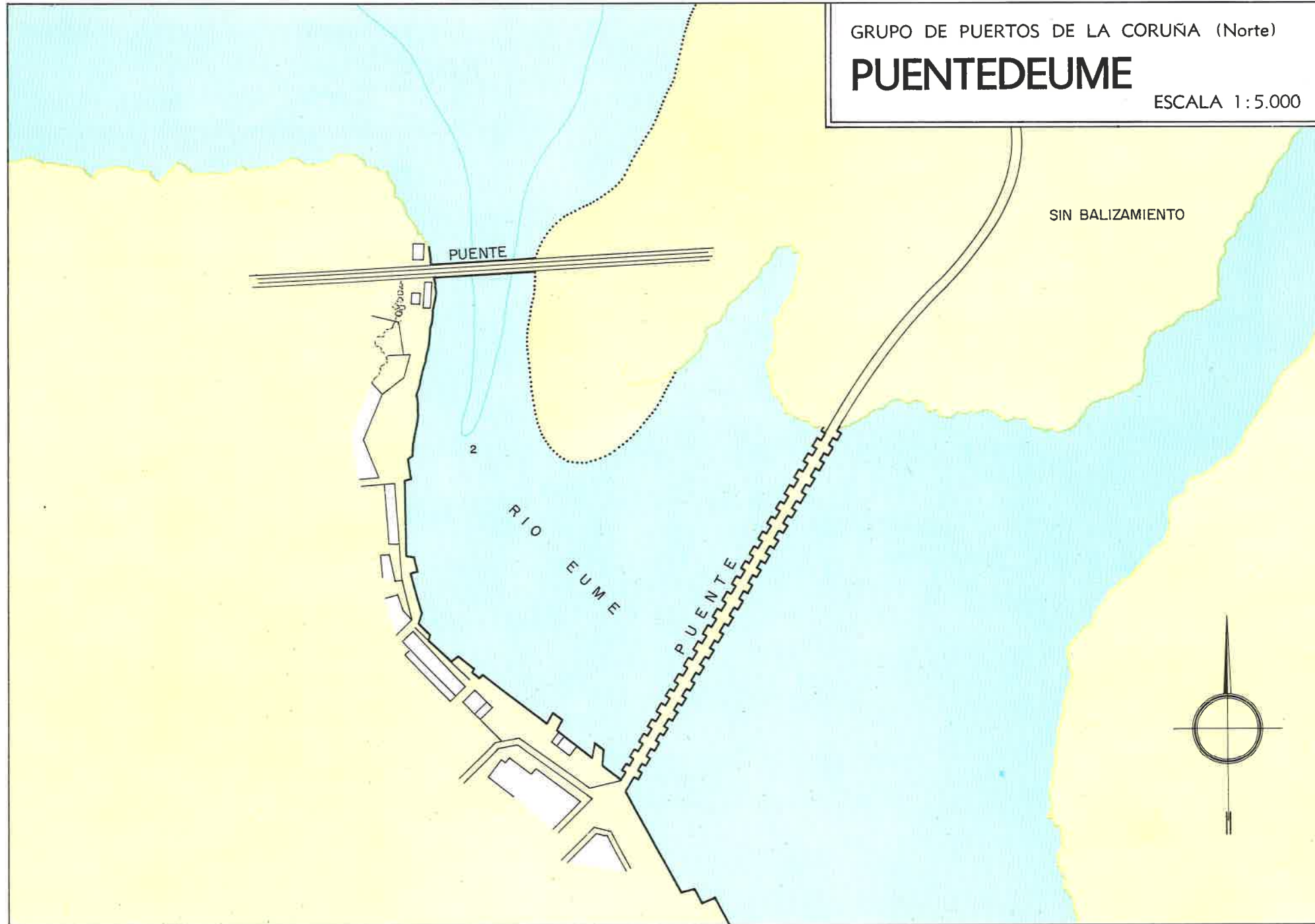
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SIN BALIZAMIENTO



PUENTEDEUME

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BETANZOS

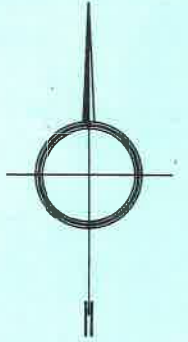
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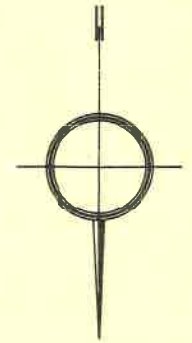
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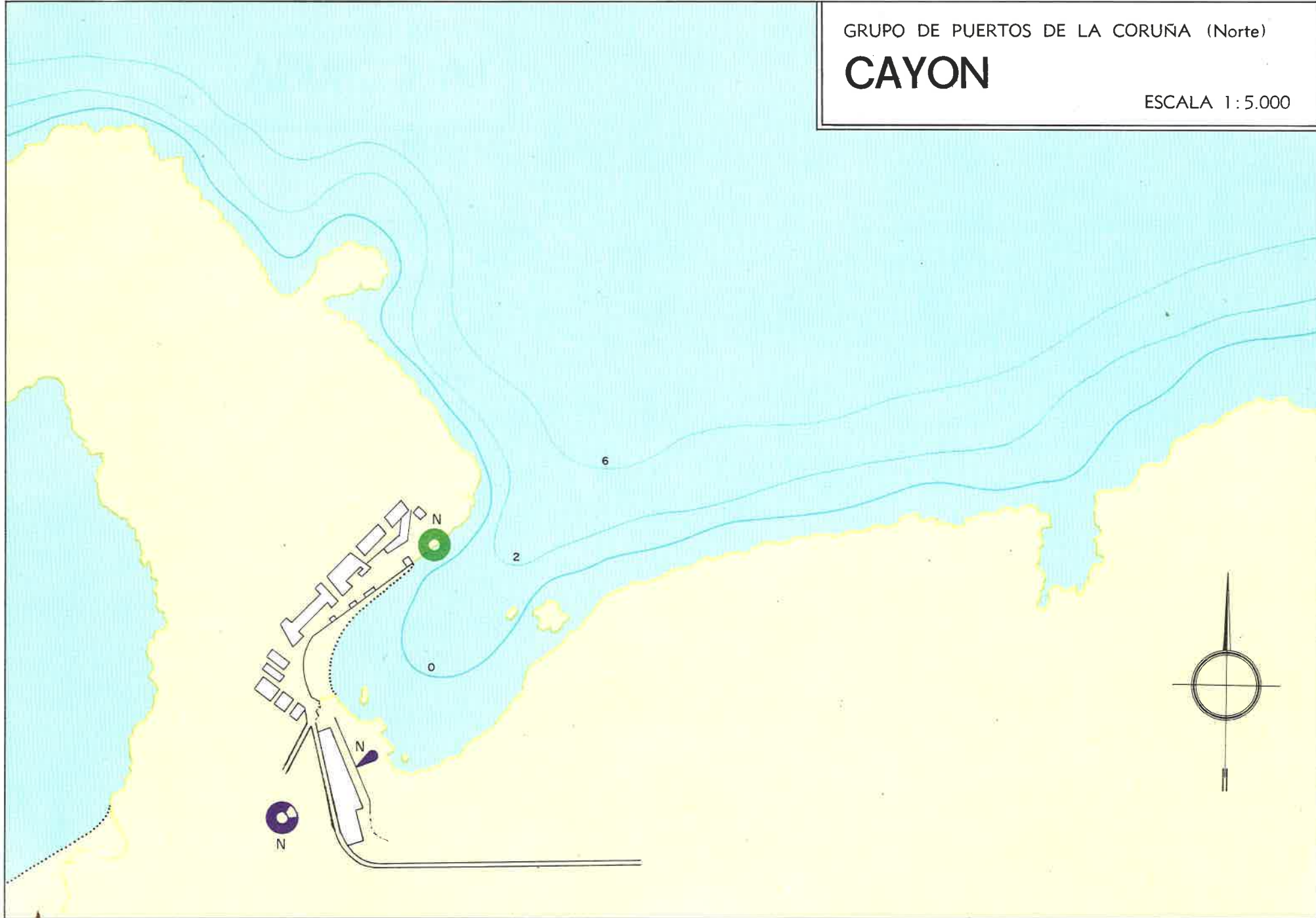
PUERTO DE
LA CORUÑA

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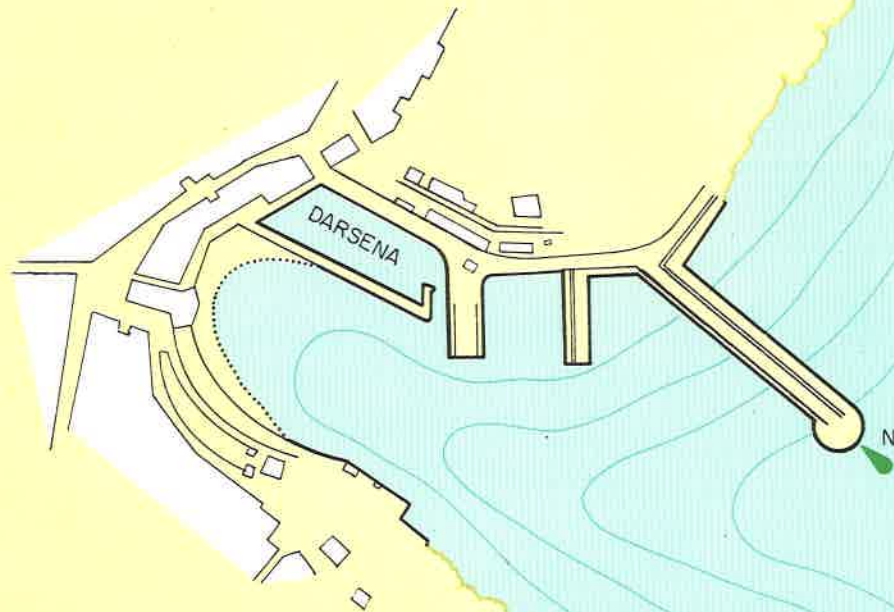
CAYON

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MALPICA

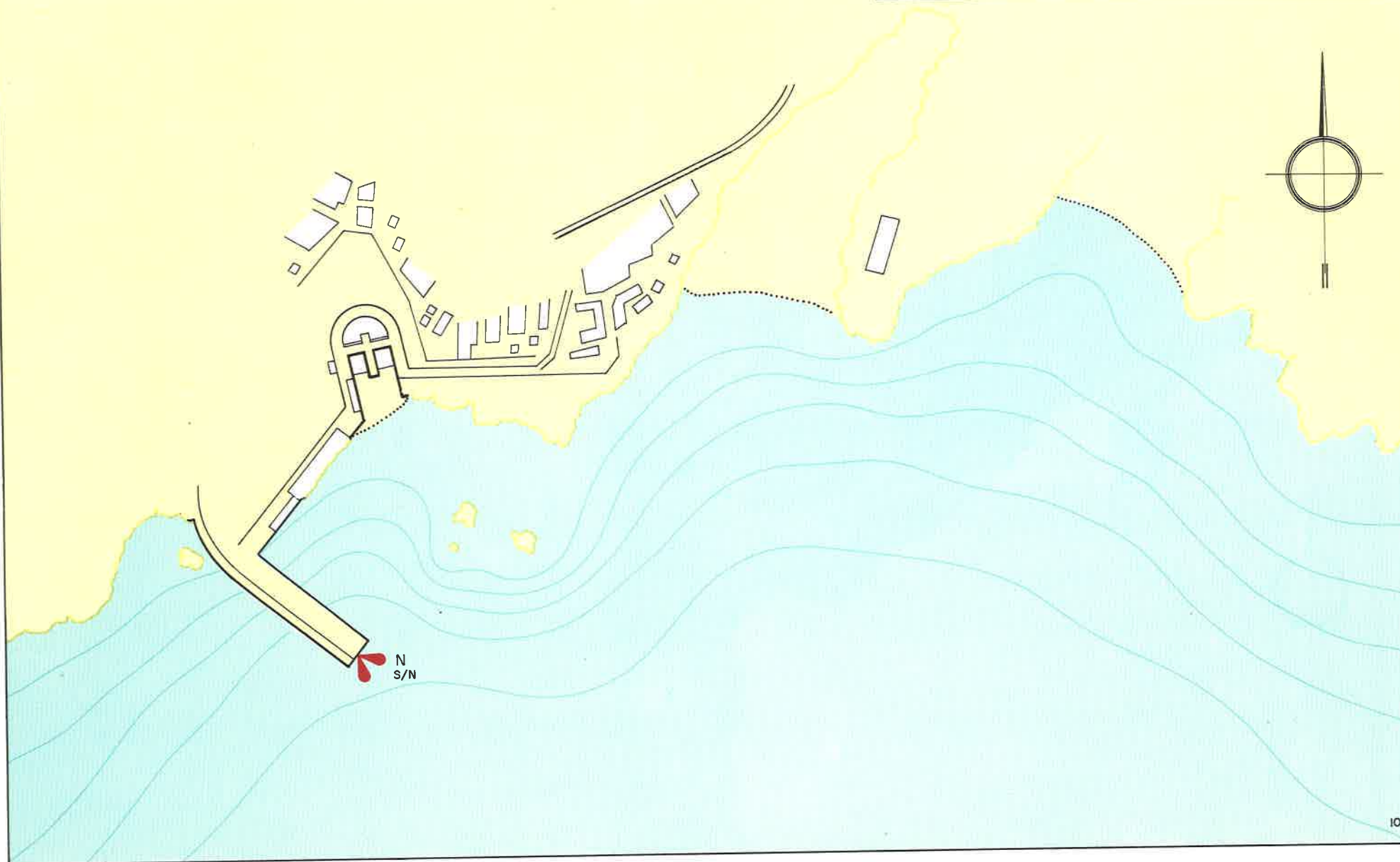
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- N-ENFILACION A
 - N-ENFILACION P
- MARCANDO CANAL ENTRE LA COSTA Y BAJOS DE LA PLANCHA

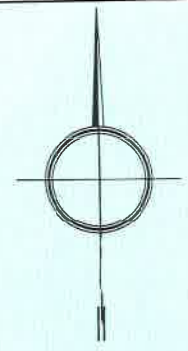
CORME

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LAGE

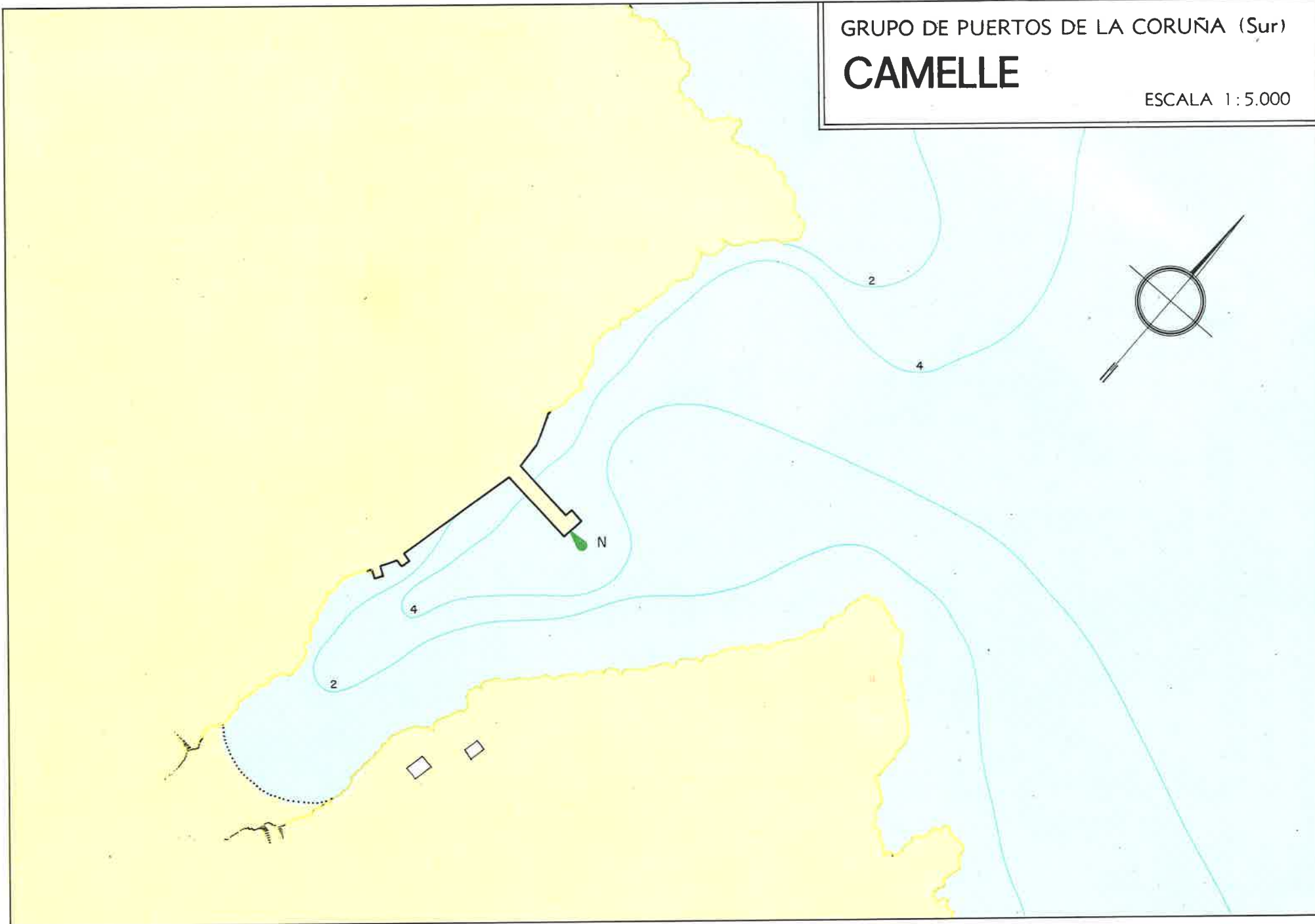
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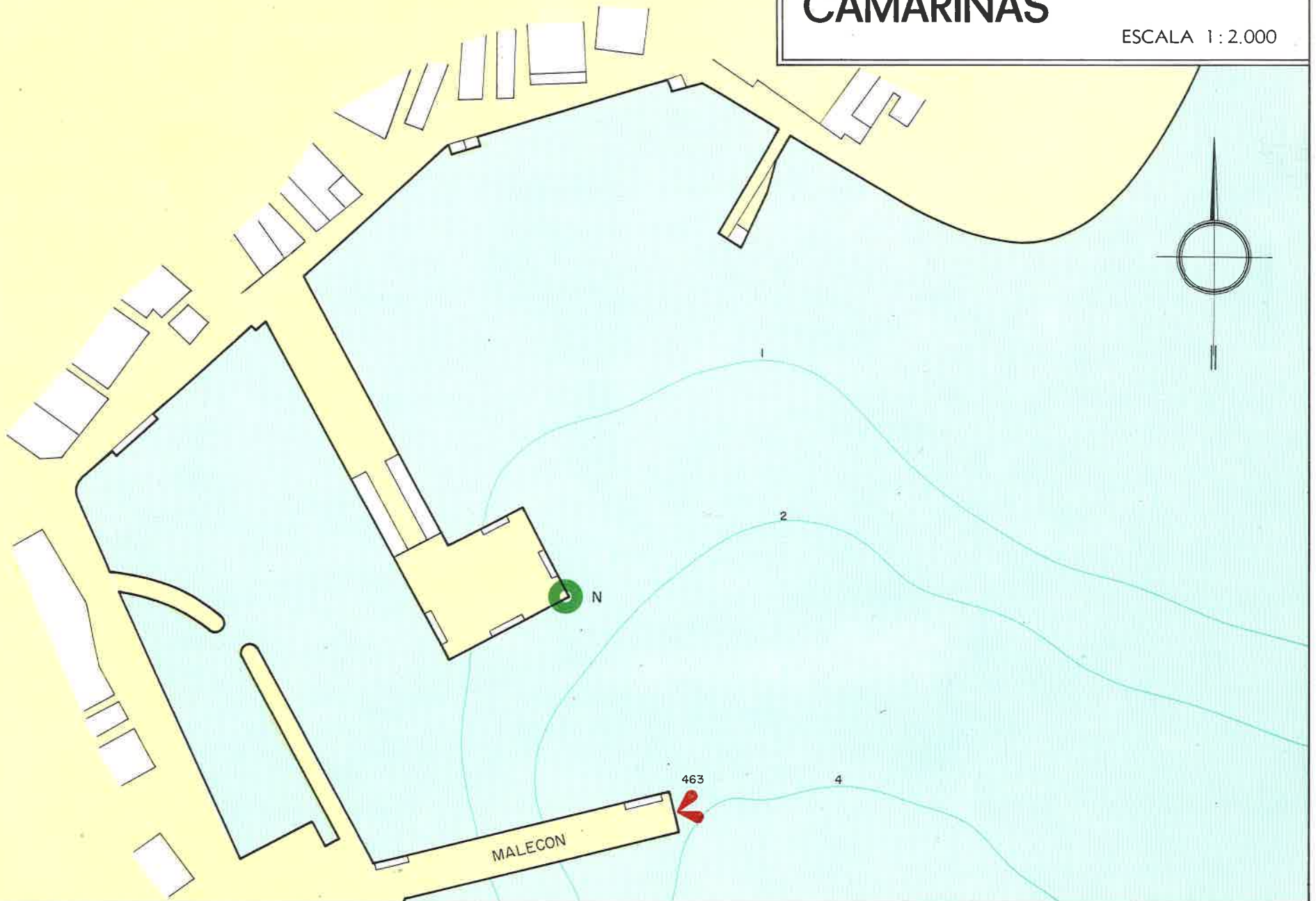
CAMELLE

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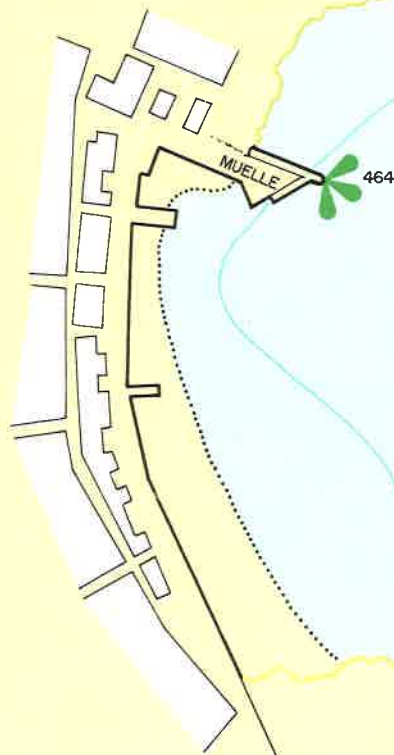
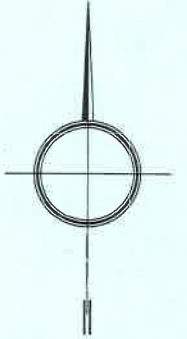
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MUGIA

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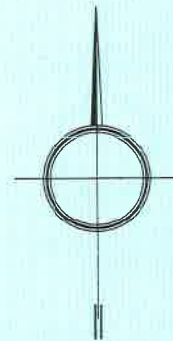
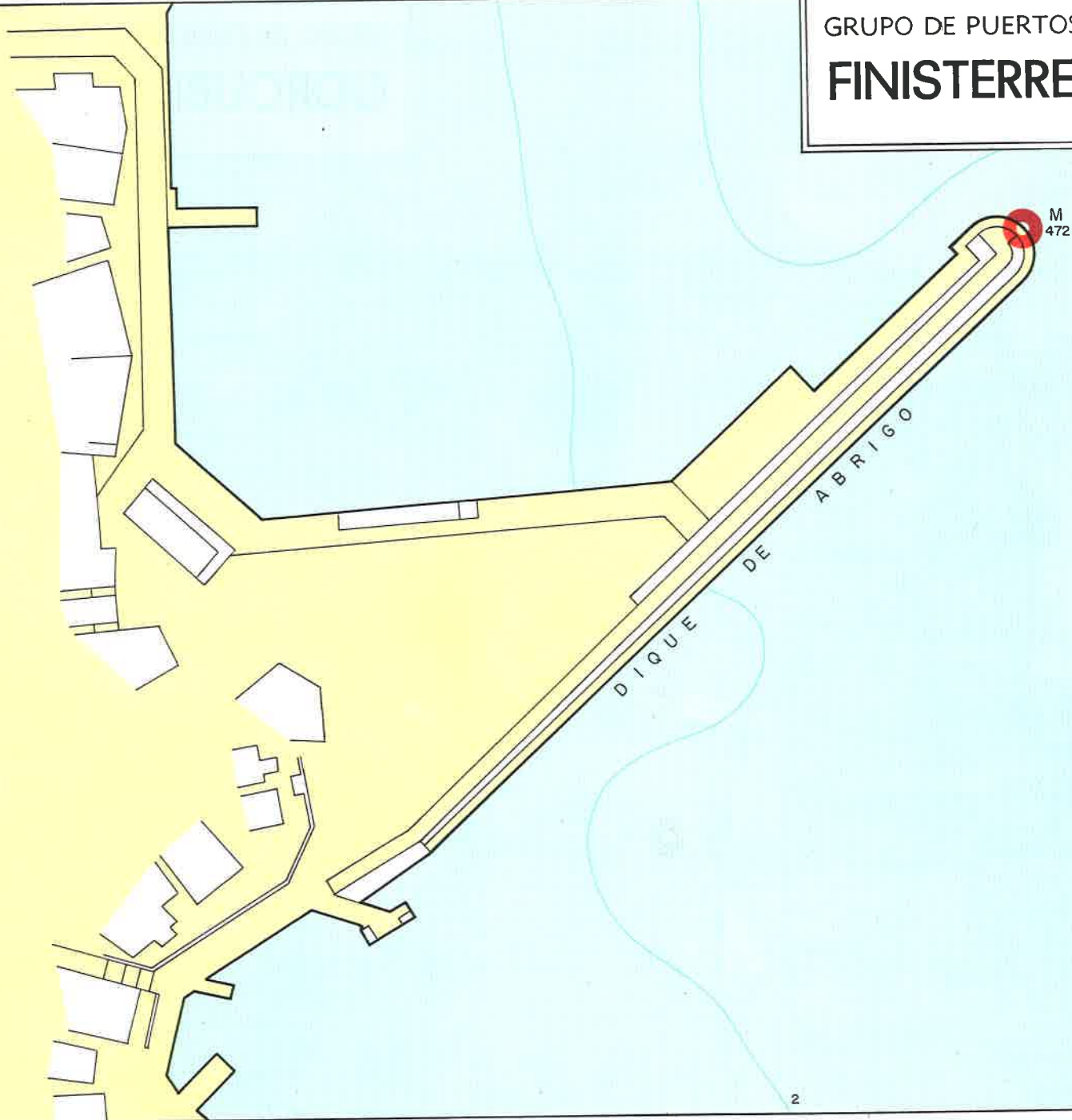


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FINISTERRE

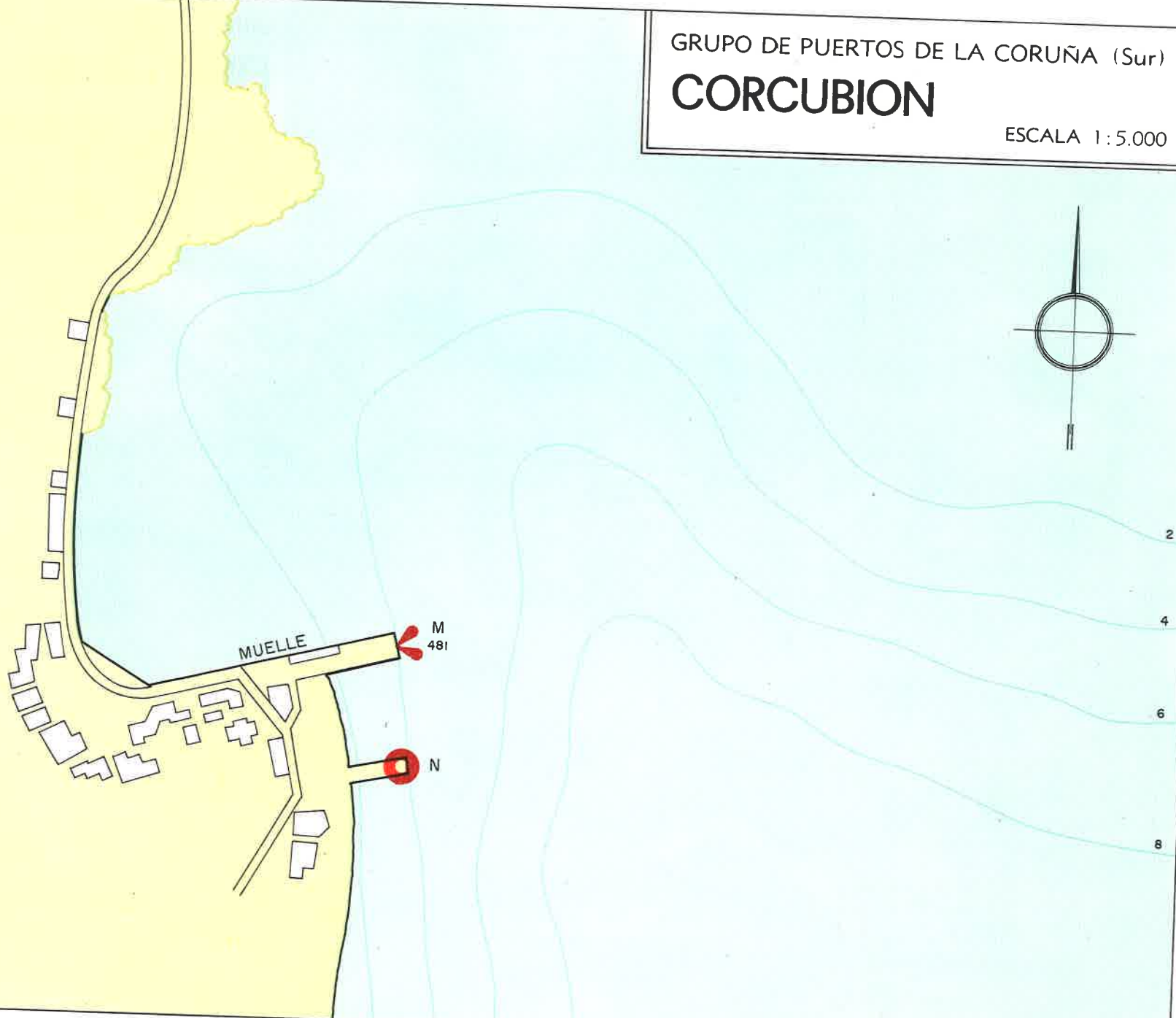
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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

CORCUBION

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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

EL PINDO

ESCALA 1:2.000



GRUPO DE PUERTOS DE LA CORUÑA (Sur)

PORTOCUBELO

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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

MUROS

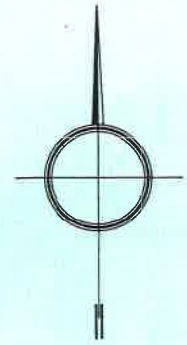
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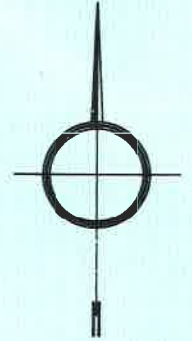
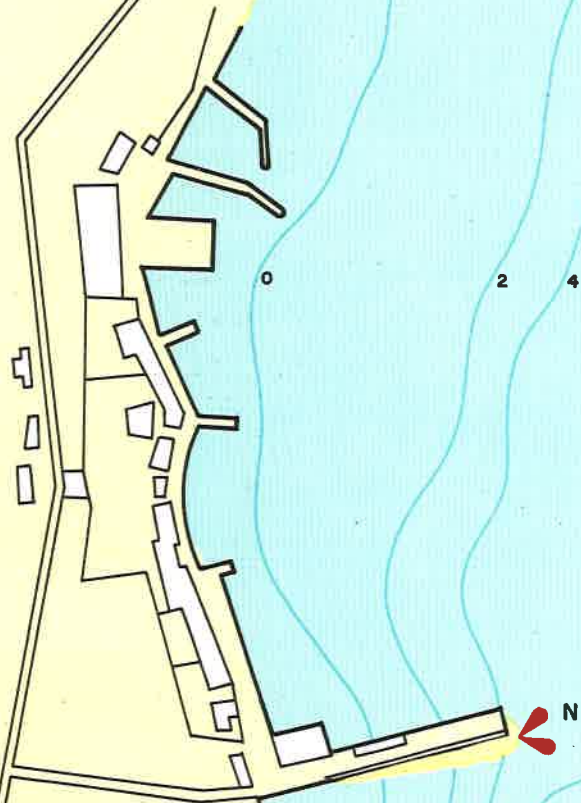
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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

EL FREIJO

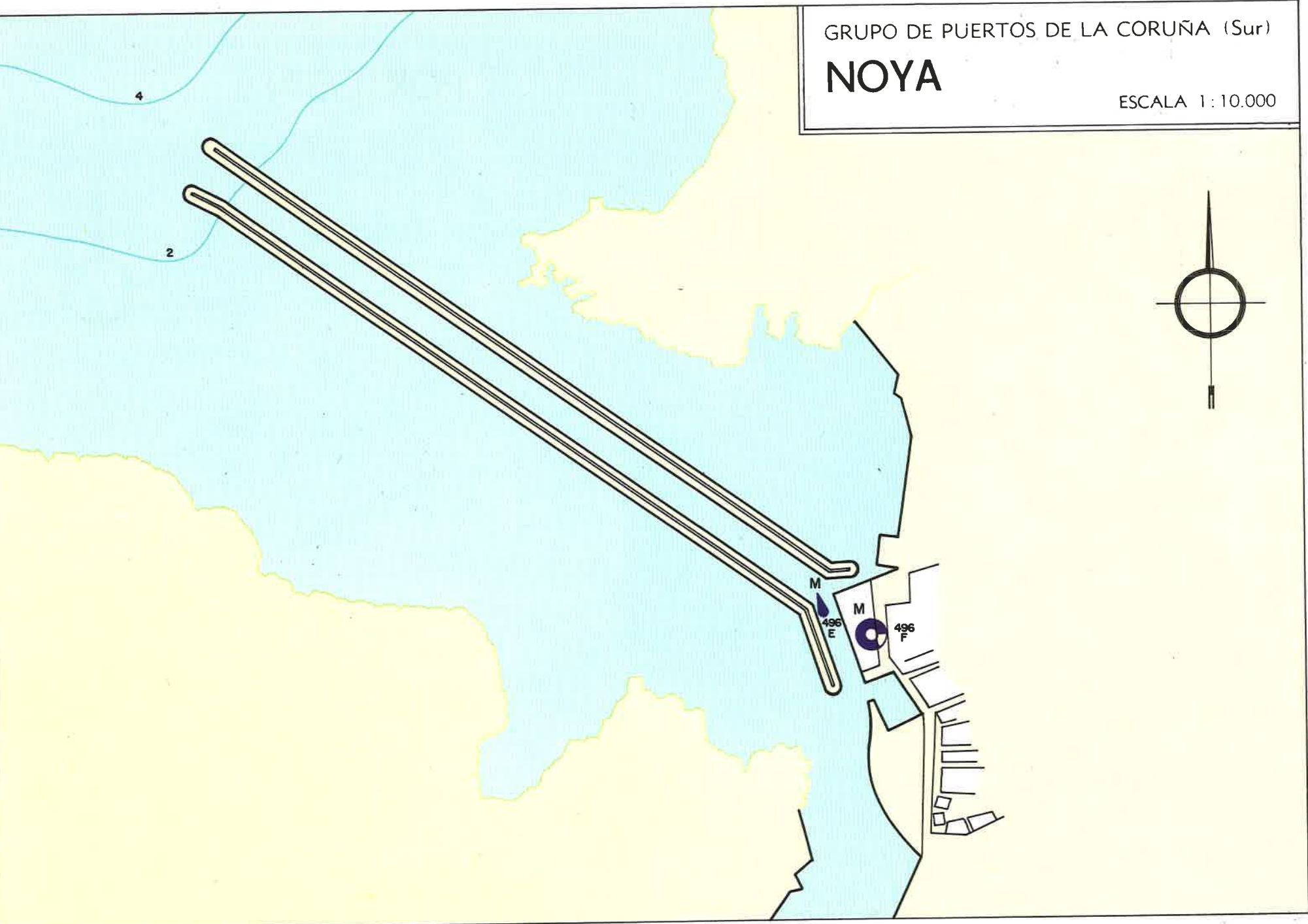
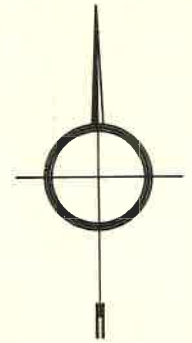
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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

NOYA

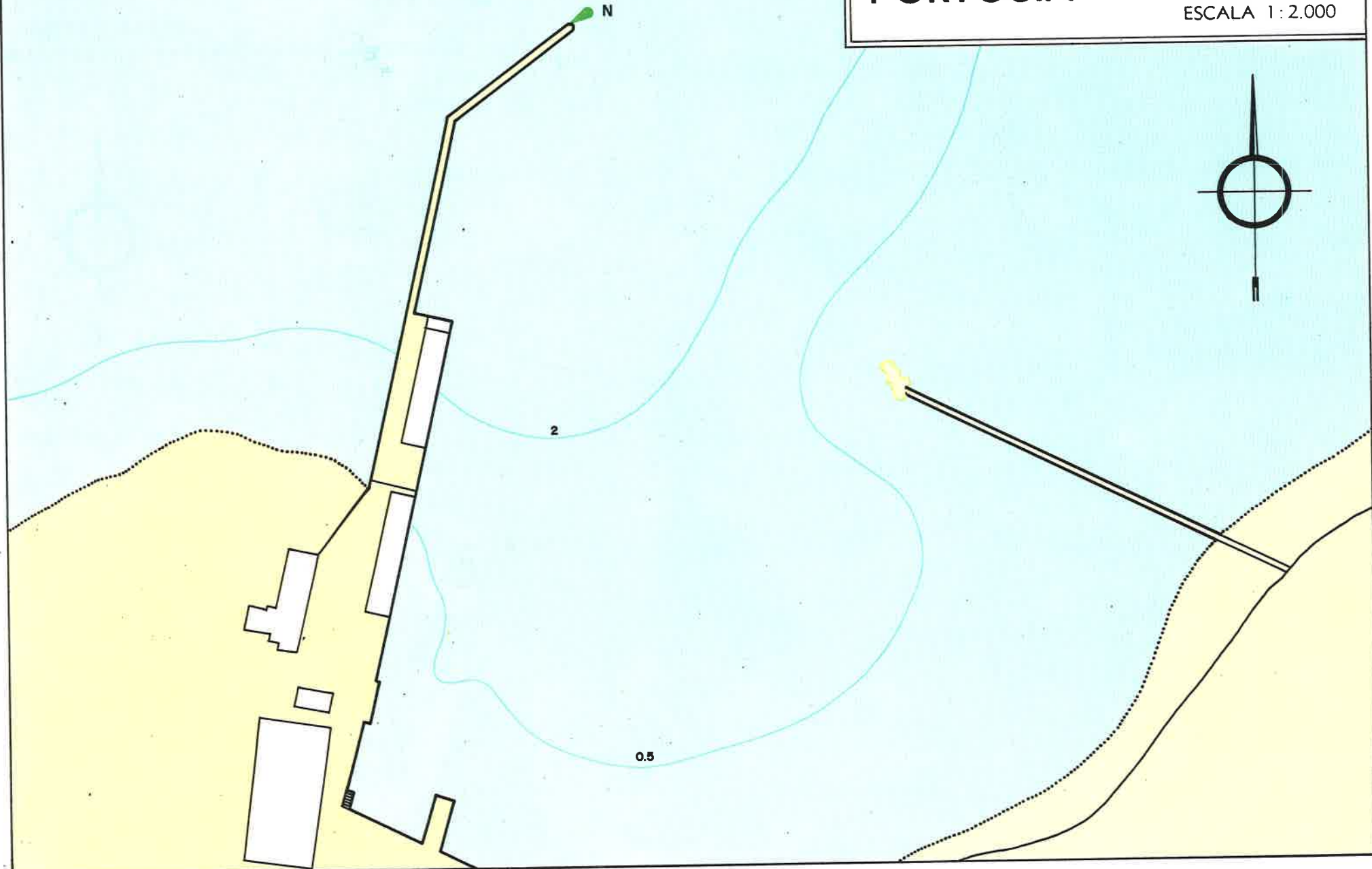
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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

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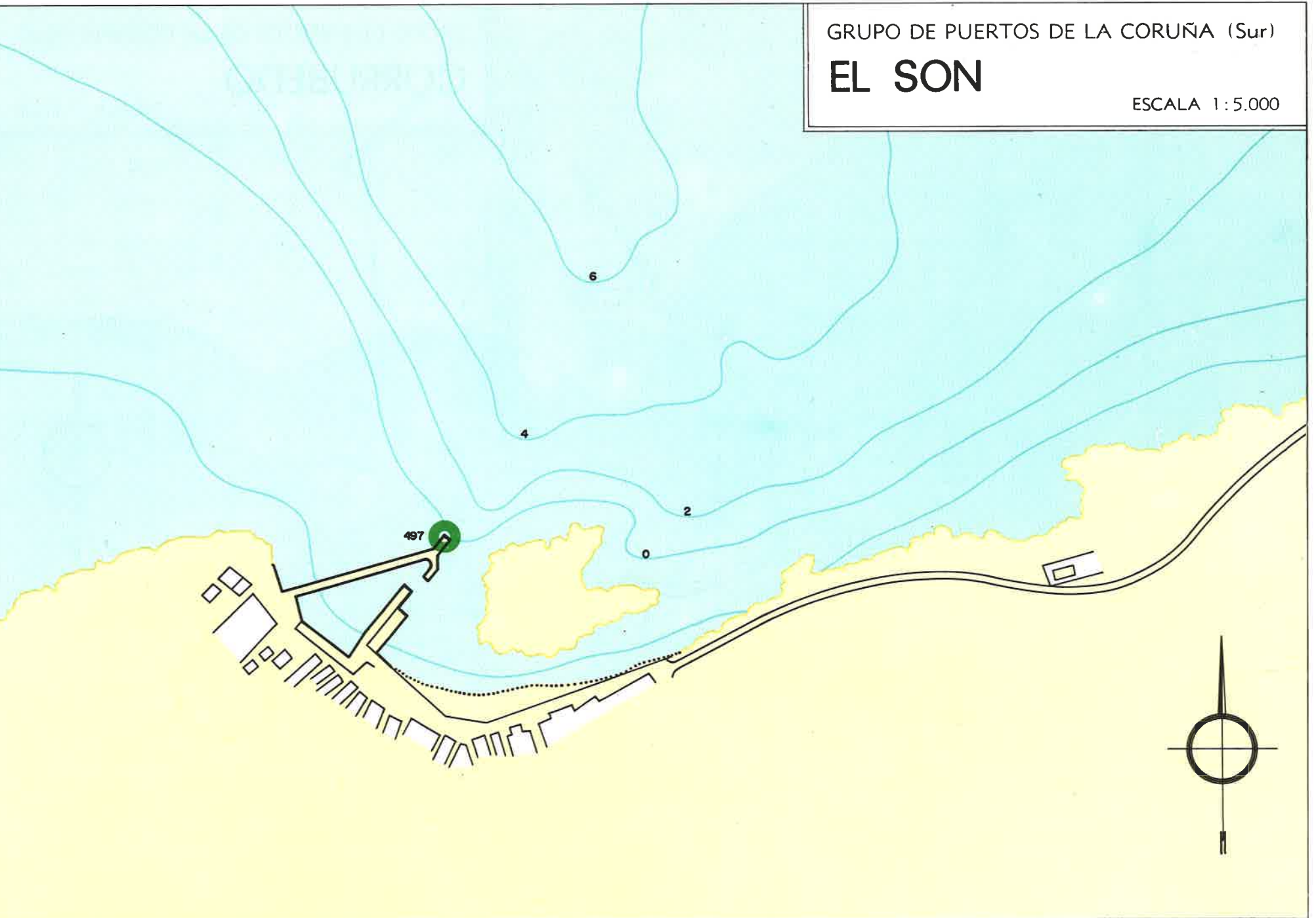
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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

EL SON

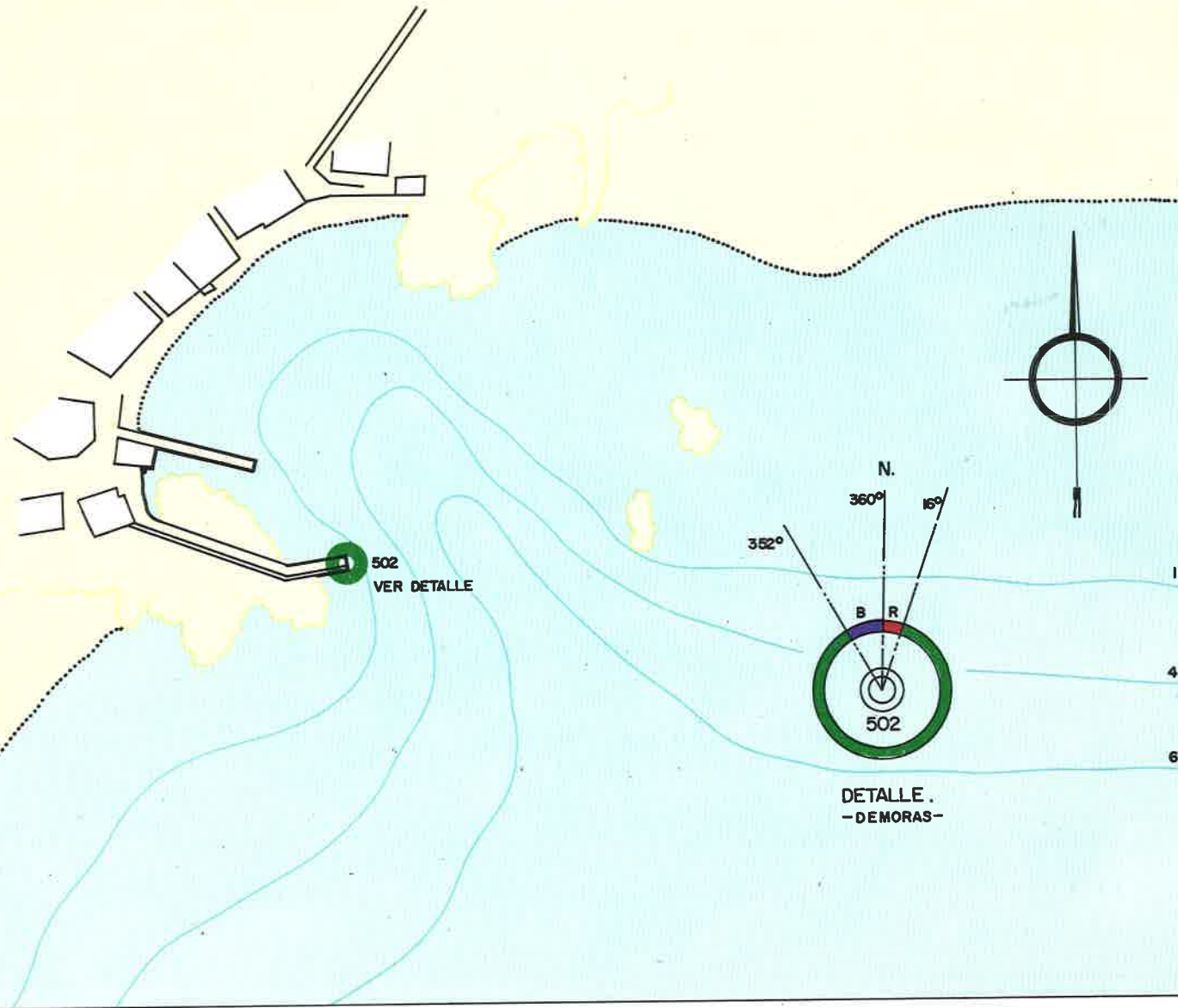
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CORRUBEDO

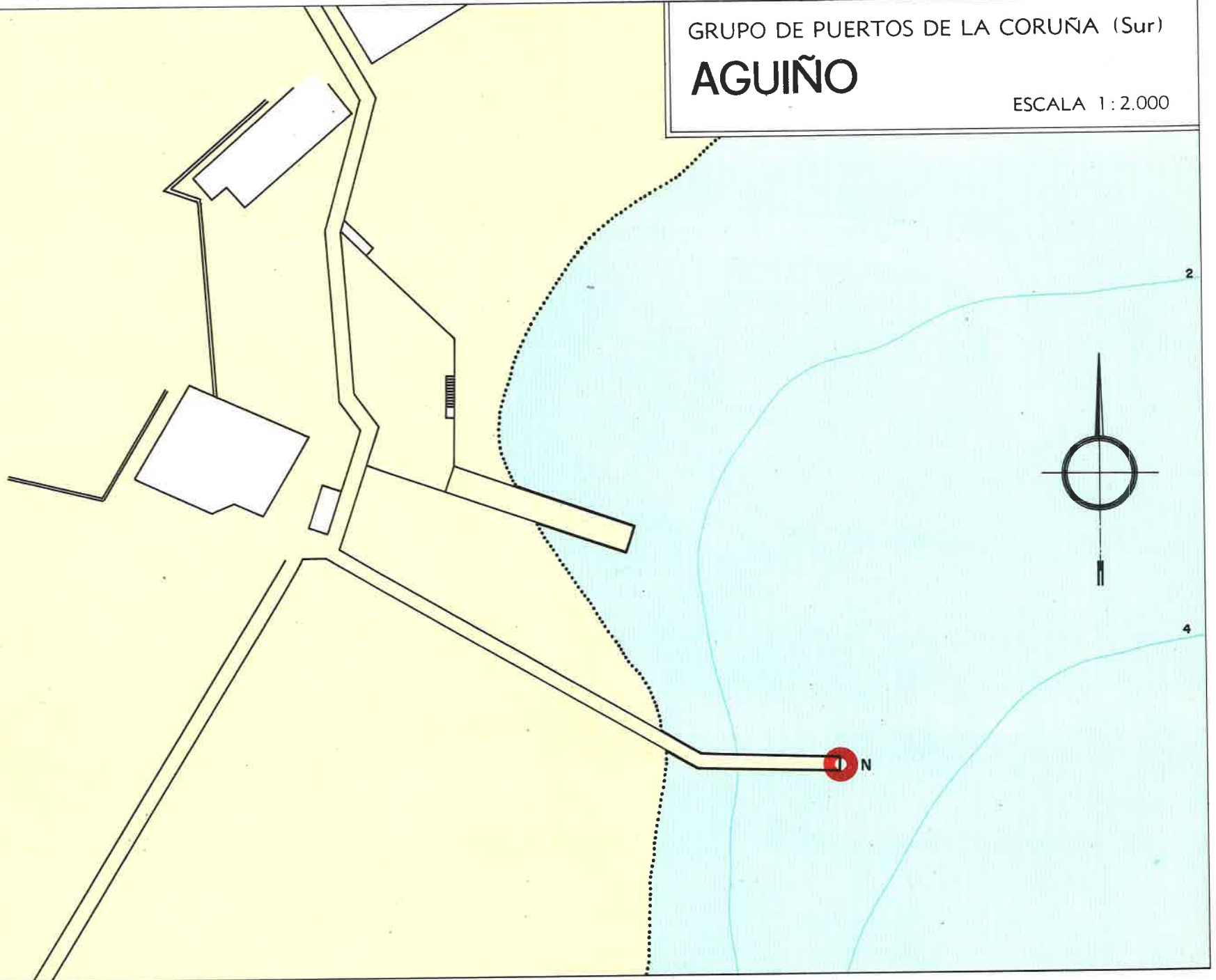
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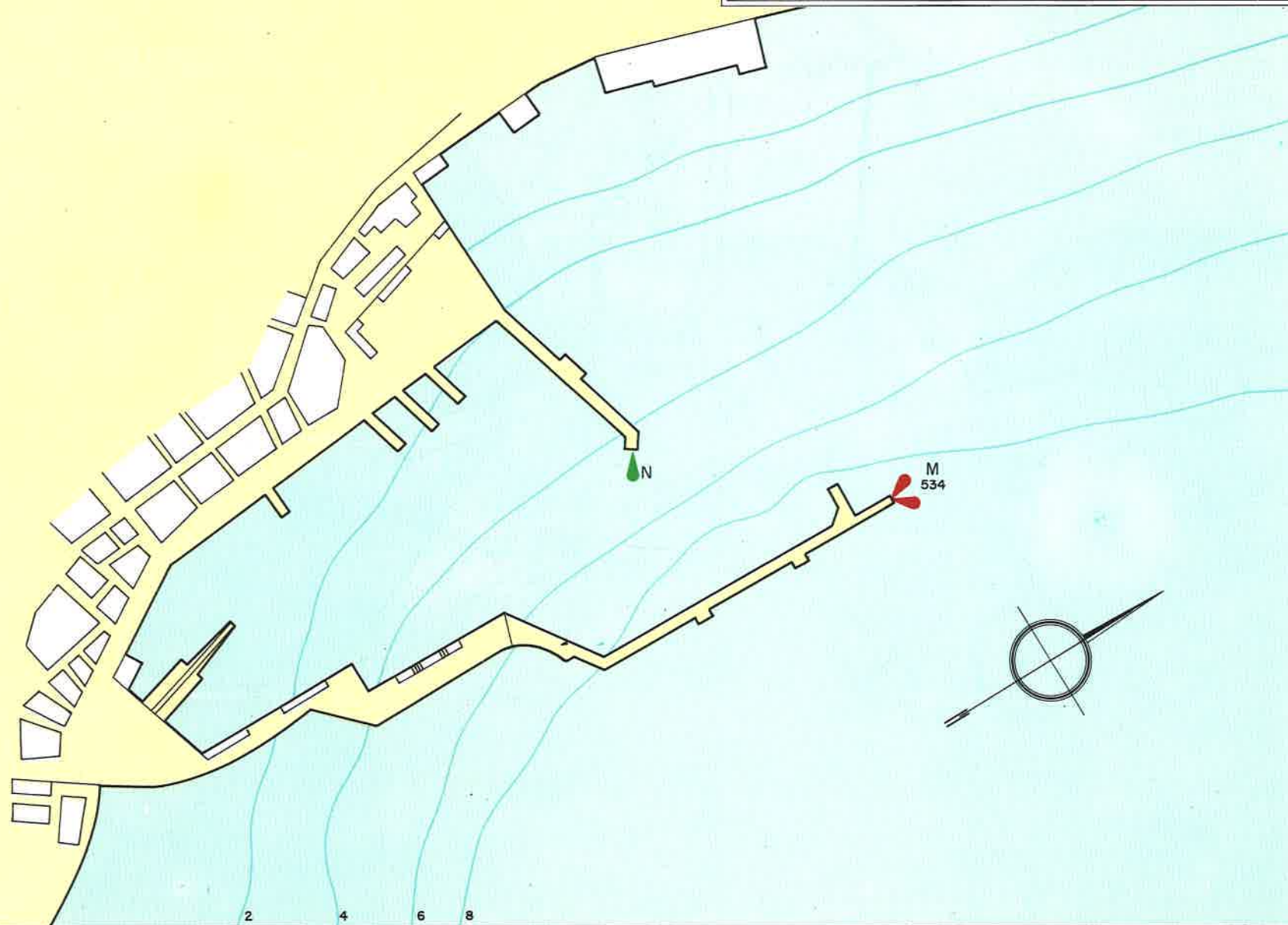
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GRUPO DE PUERTOS DE LA CORUÑA · (Sur)

RIVEIRA

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GRUPO DE PUERTOS DE LA CORUÑA (Sur)

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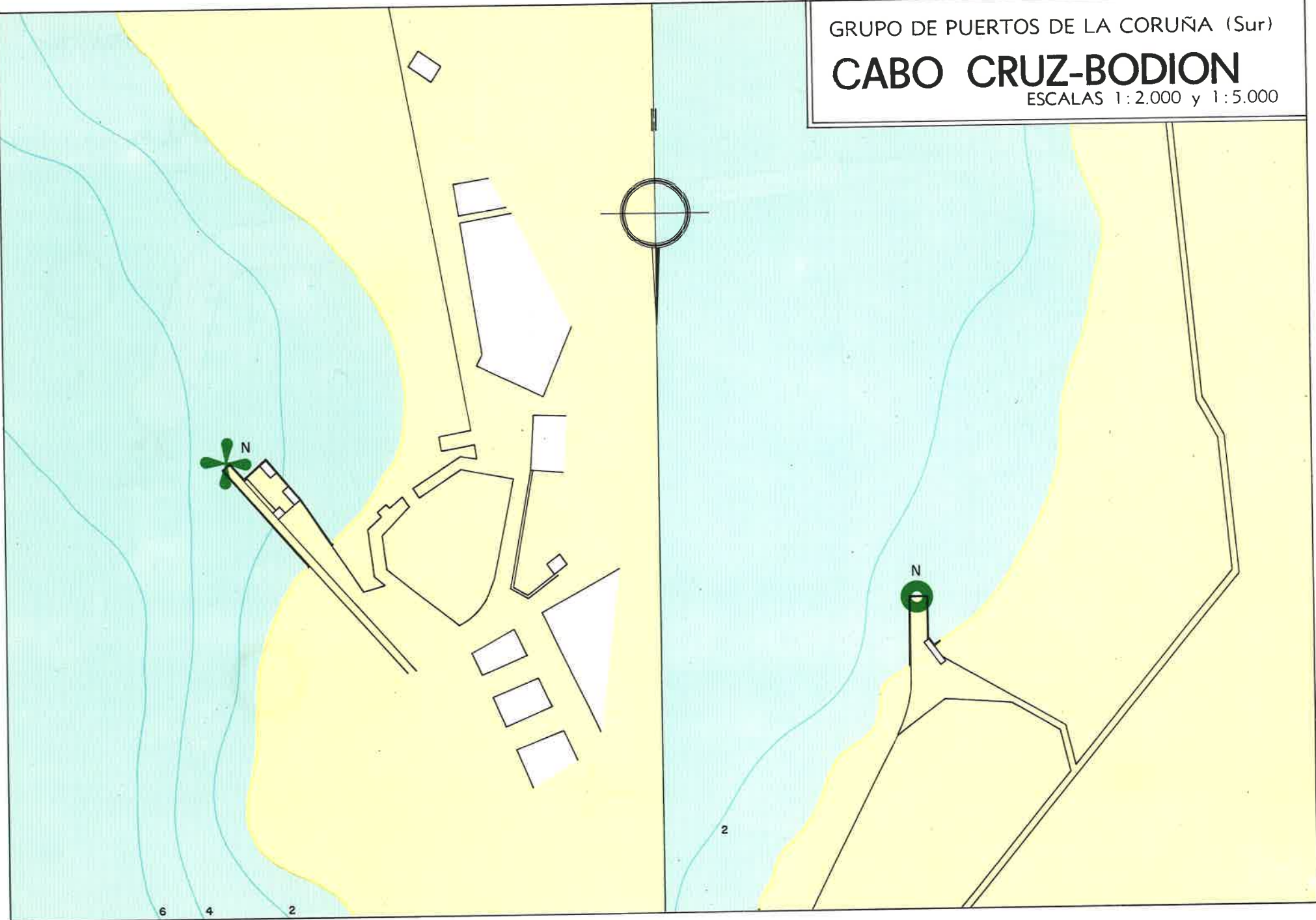
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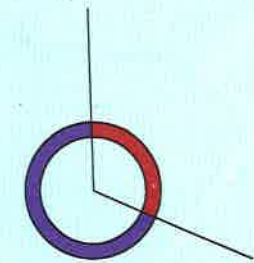
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CABO CRUZ-BODION

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RIANJO

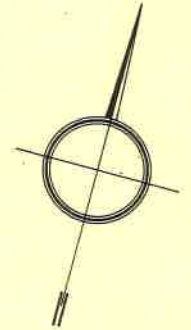


DETALLE 570

VER DETALLE

570

DARSENAS
"SETEFOGAS"



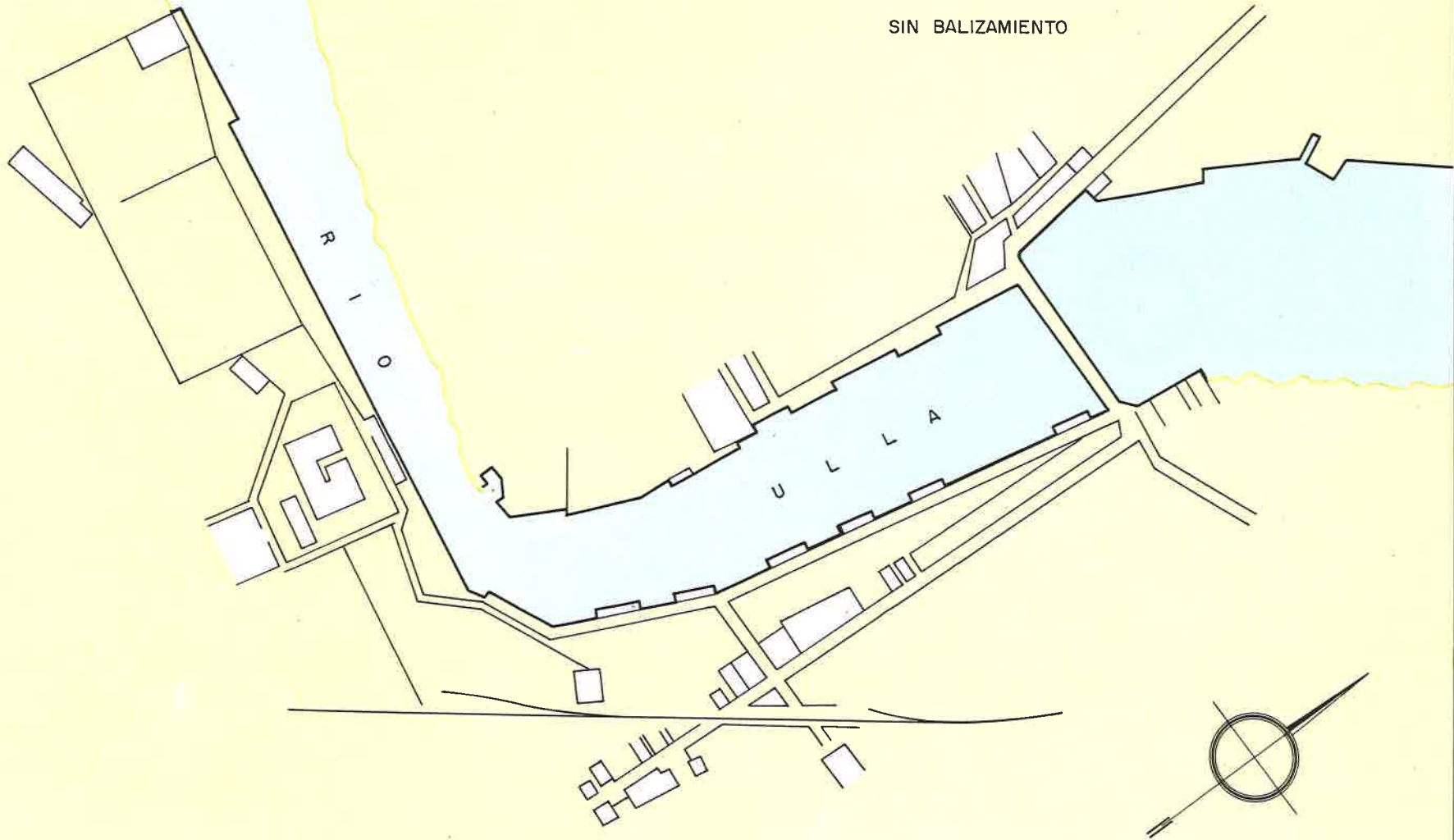
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PUERTO DE

PUENTECESURES

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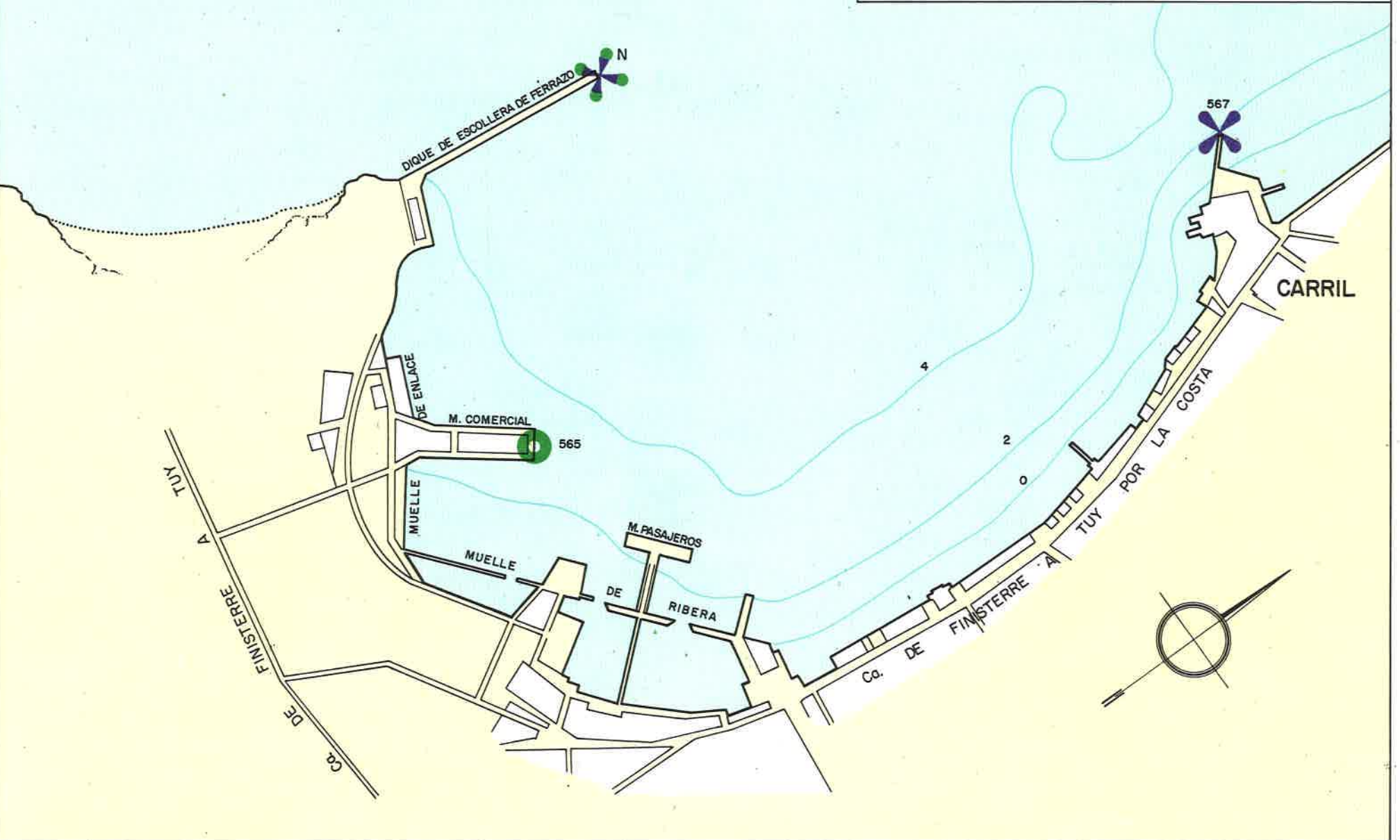
SIN BALIZAMIENTO



PUERTO DE

VILLAGARCIA DE AROSA

ESCALA 1:5.000





PUERTO DE
VILLAJUAN

ESCALA 1:5.000

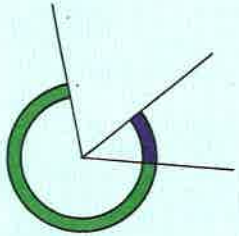


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VILLANUEVA DE AROSA

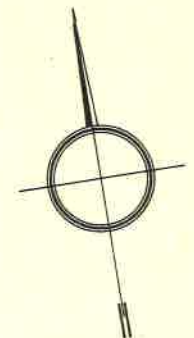
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DEMORAS



DETALLE 553

ENTRE BAJOS
LENCOSA Y CORBALES



N

553

6

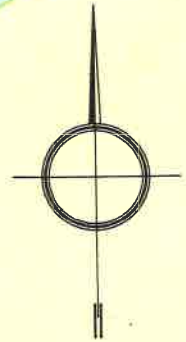
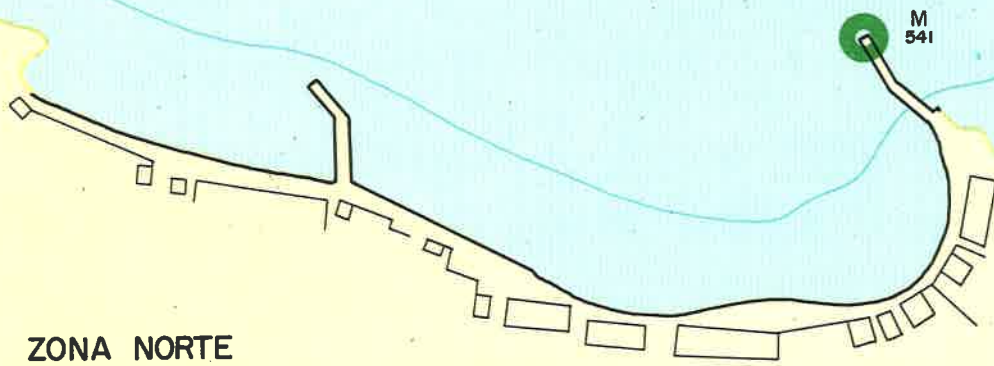
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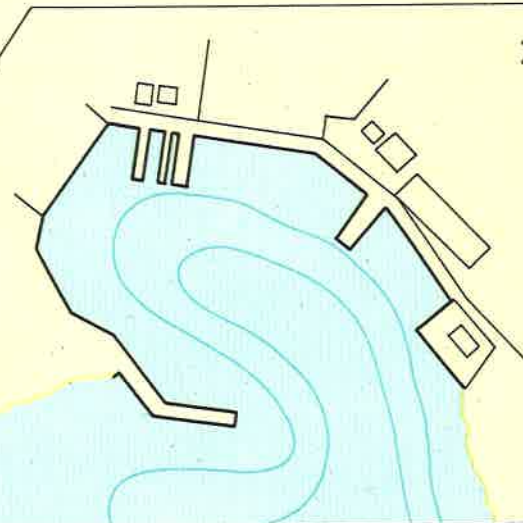
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ISLA DE AROSA

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ZONA NORTE

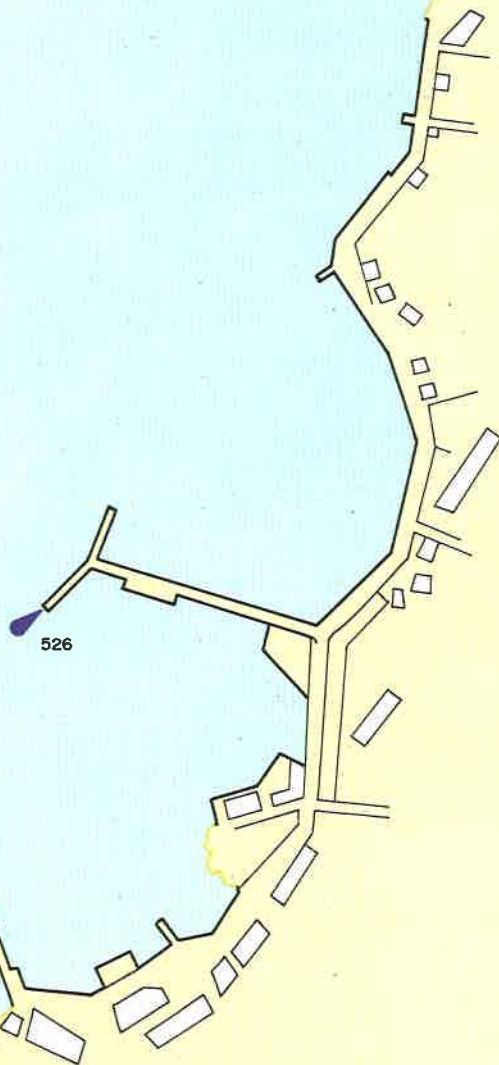
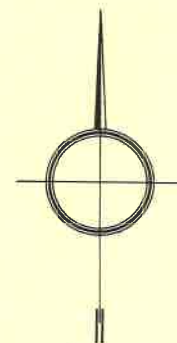


ZONA SUR

GRUPO DE PUERTOS DE PONTEVEDRA

CAMBADOS

ESCALA 1:10.000



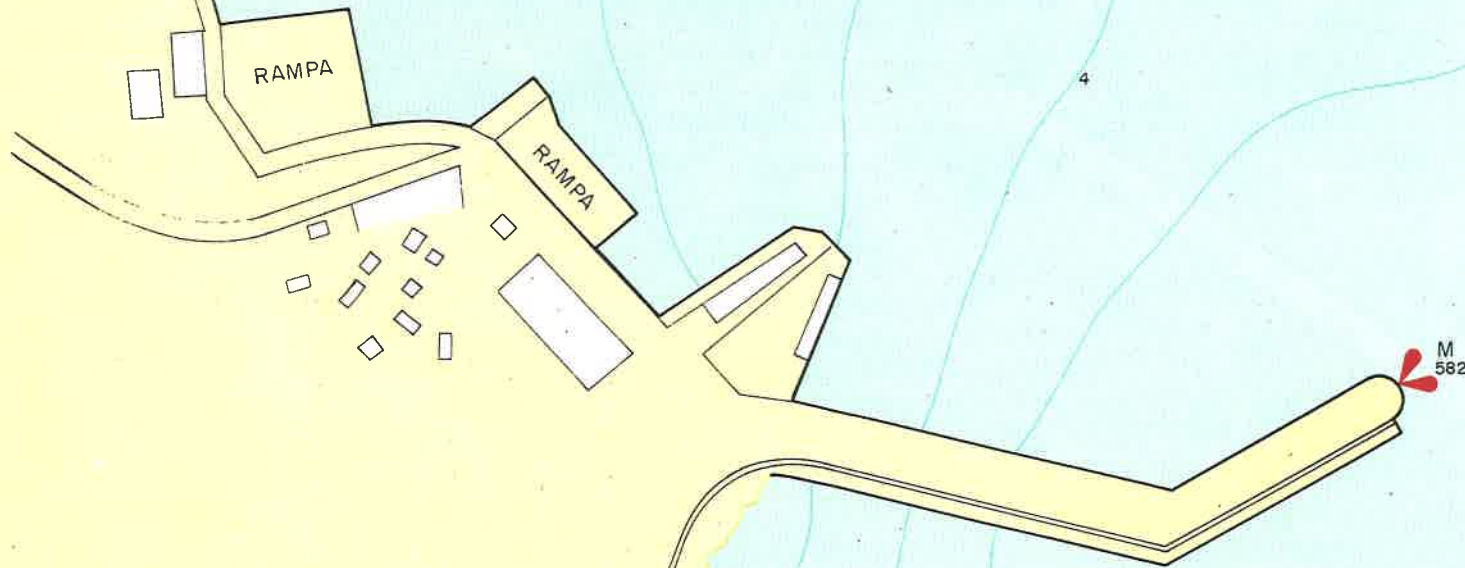
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GRUPO DE PUERTOS DE PONTEVEDRA

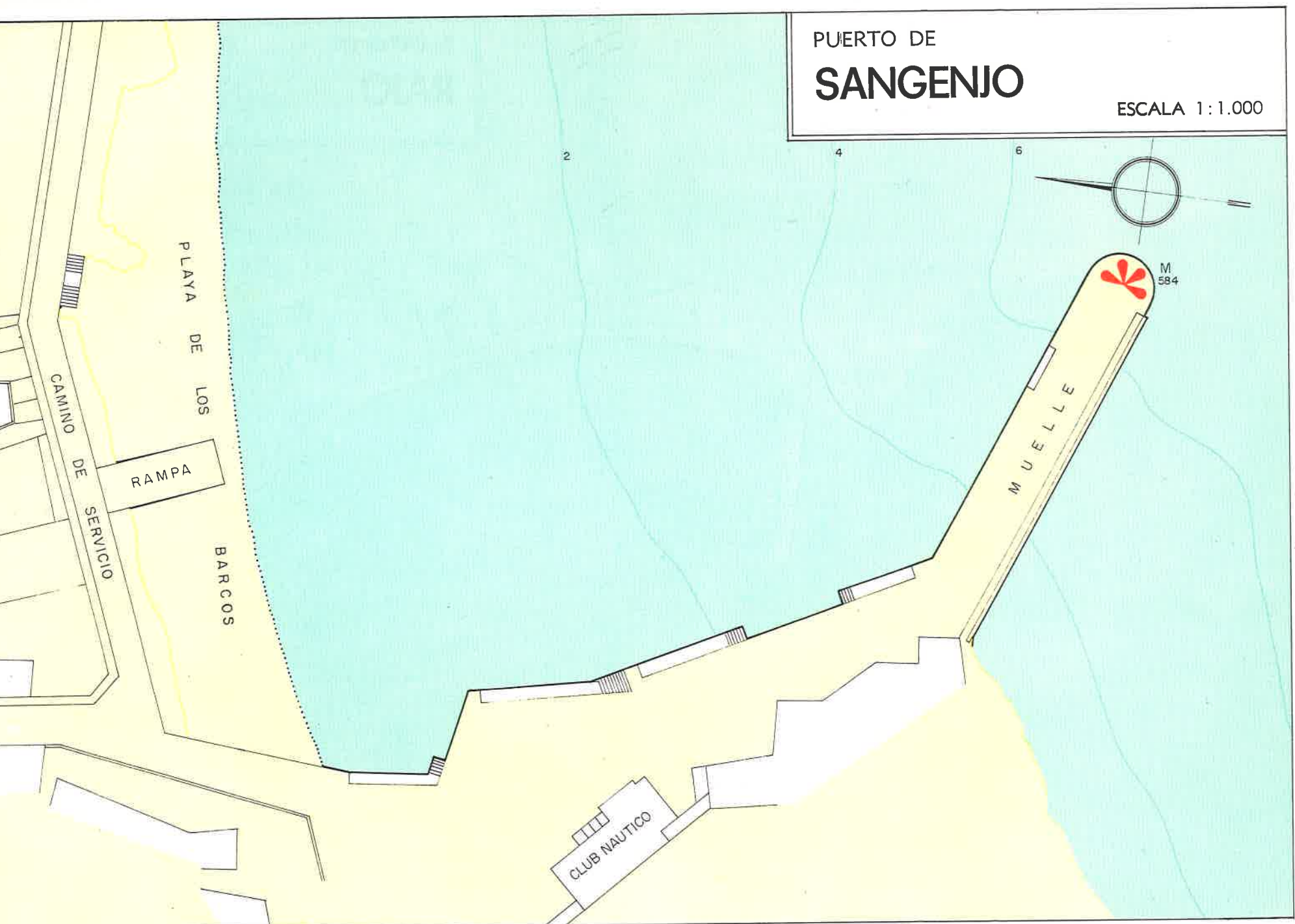
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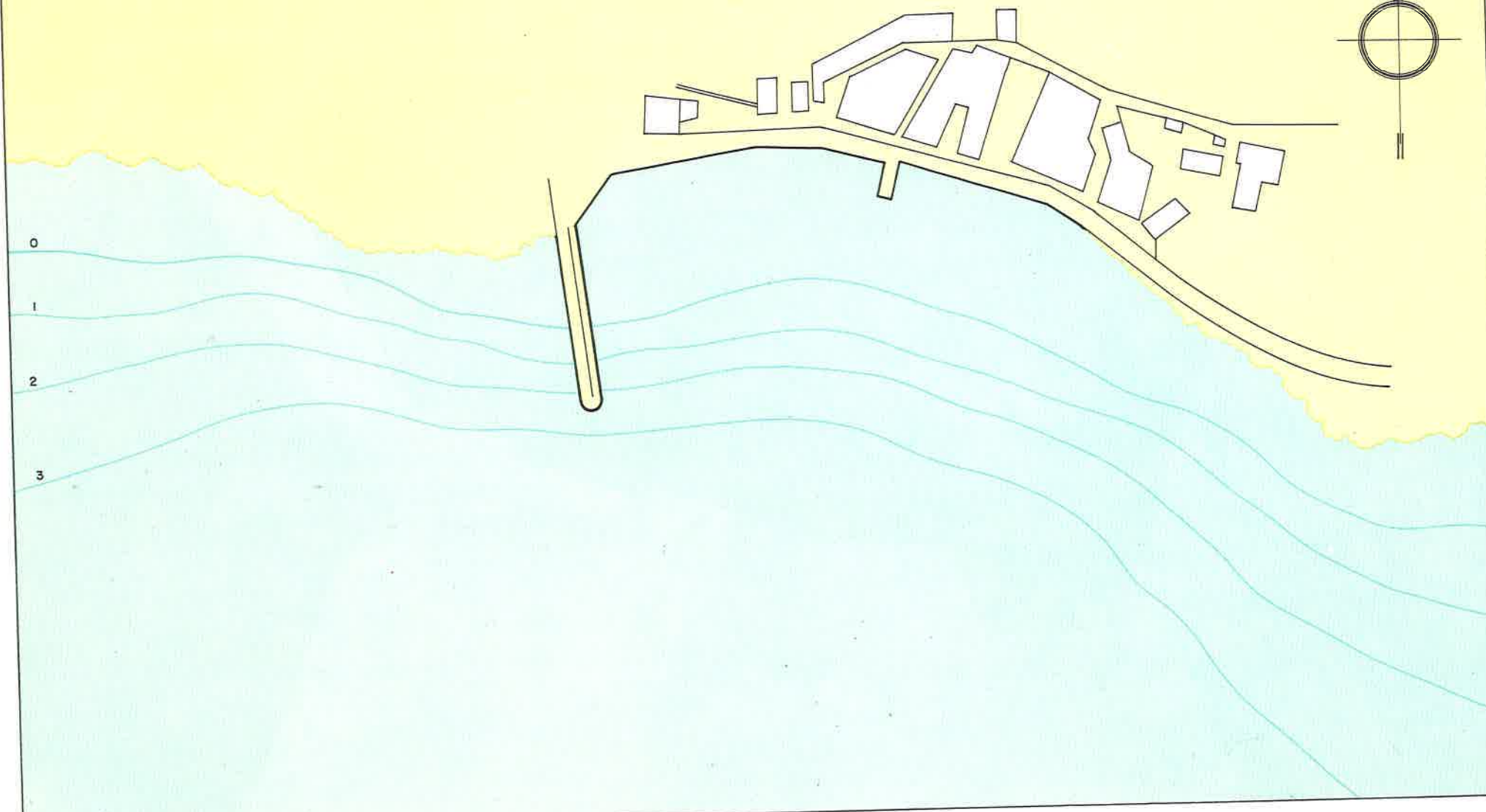
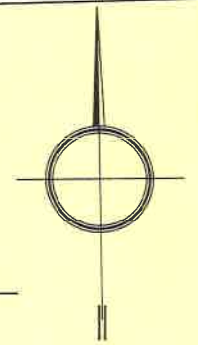
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RAJO

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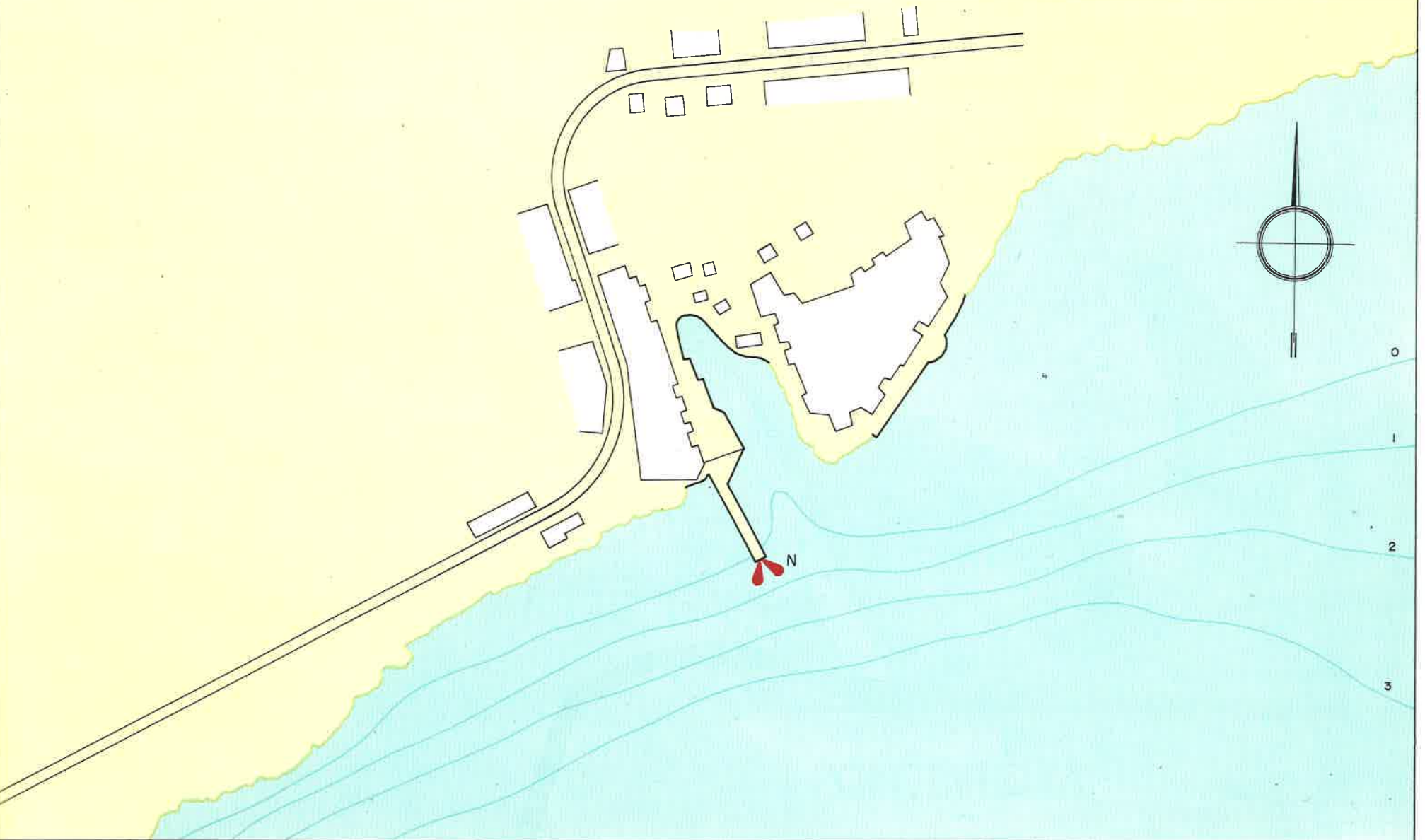
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GRUPO DE PUERTOS DE PONTEVEDRA

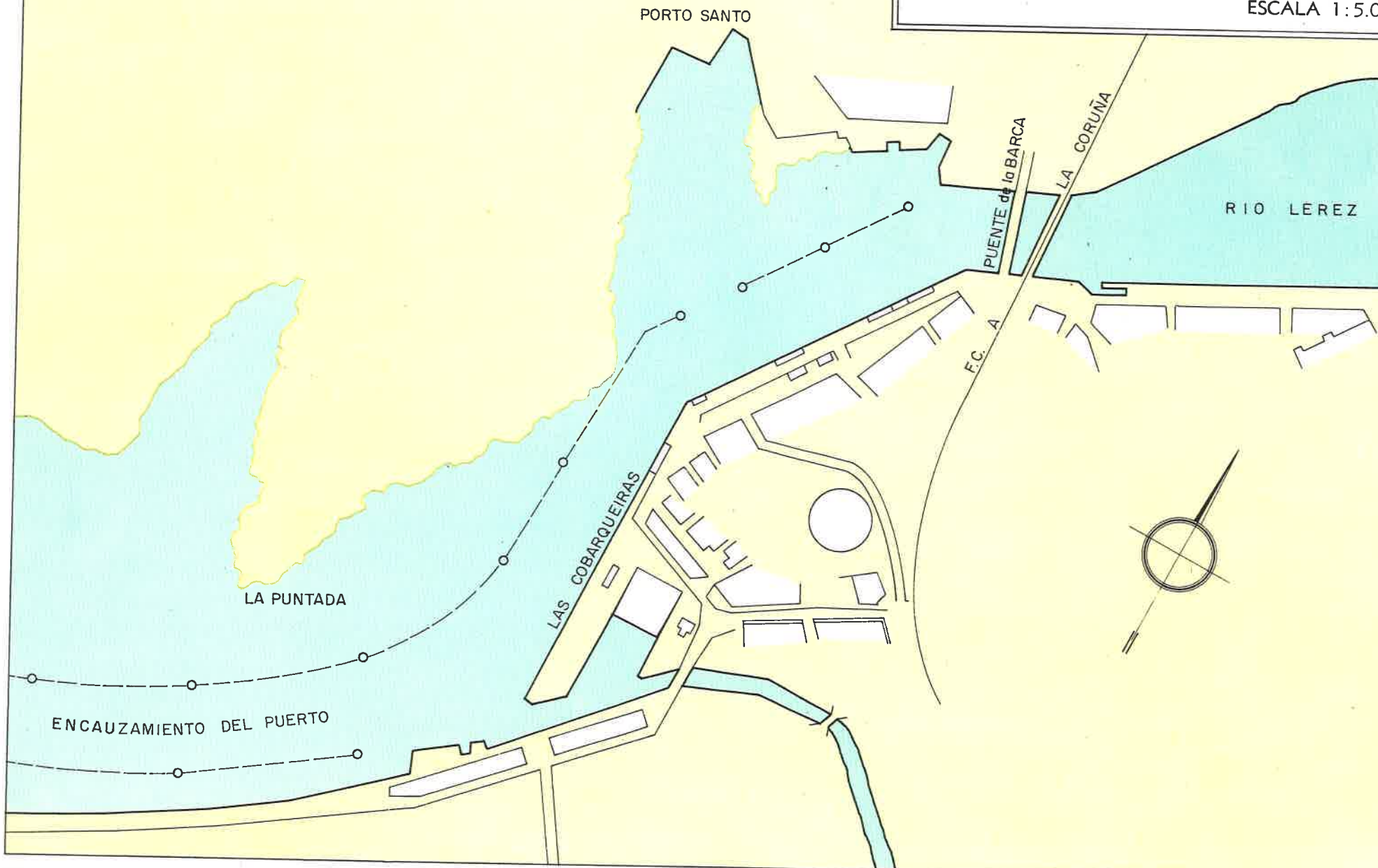
COMBARRO

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PUERTO DE
PONTEVEDRA

ESCALA 1:5.000



PUERTO DE

MARIN

ESCALA 1:5.000

PUERTO MILITAR

MUELLE
ALMACEN Nº1
ALMACEN Nº2
COMERCIAL

PUERTO COMERCIAL

603-M-EXTREMO DIQUE W

PUERTO PESQUERO

VARADERO DE LA
COMISION

PANTALAN

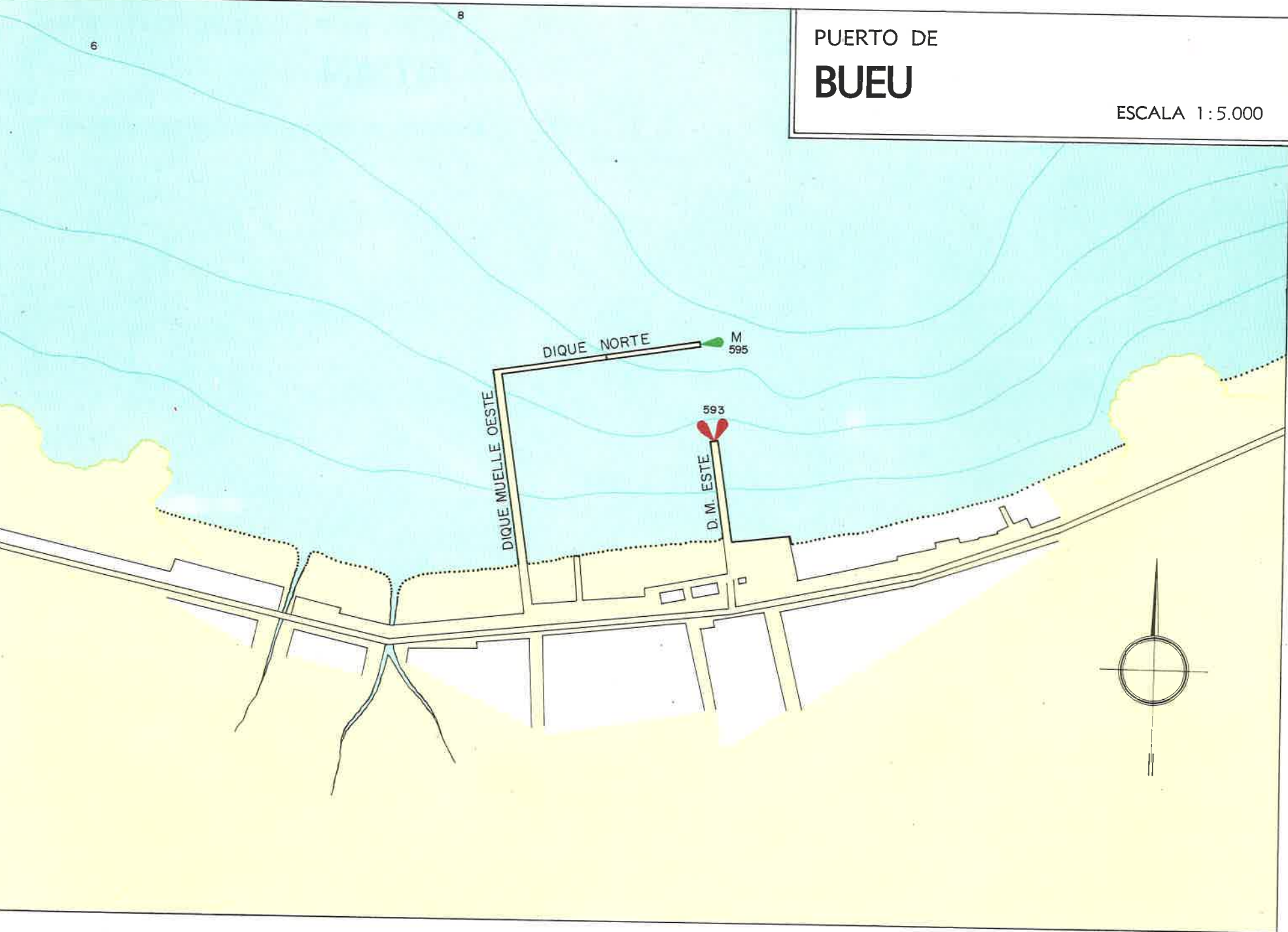
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607

CAMPSA

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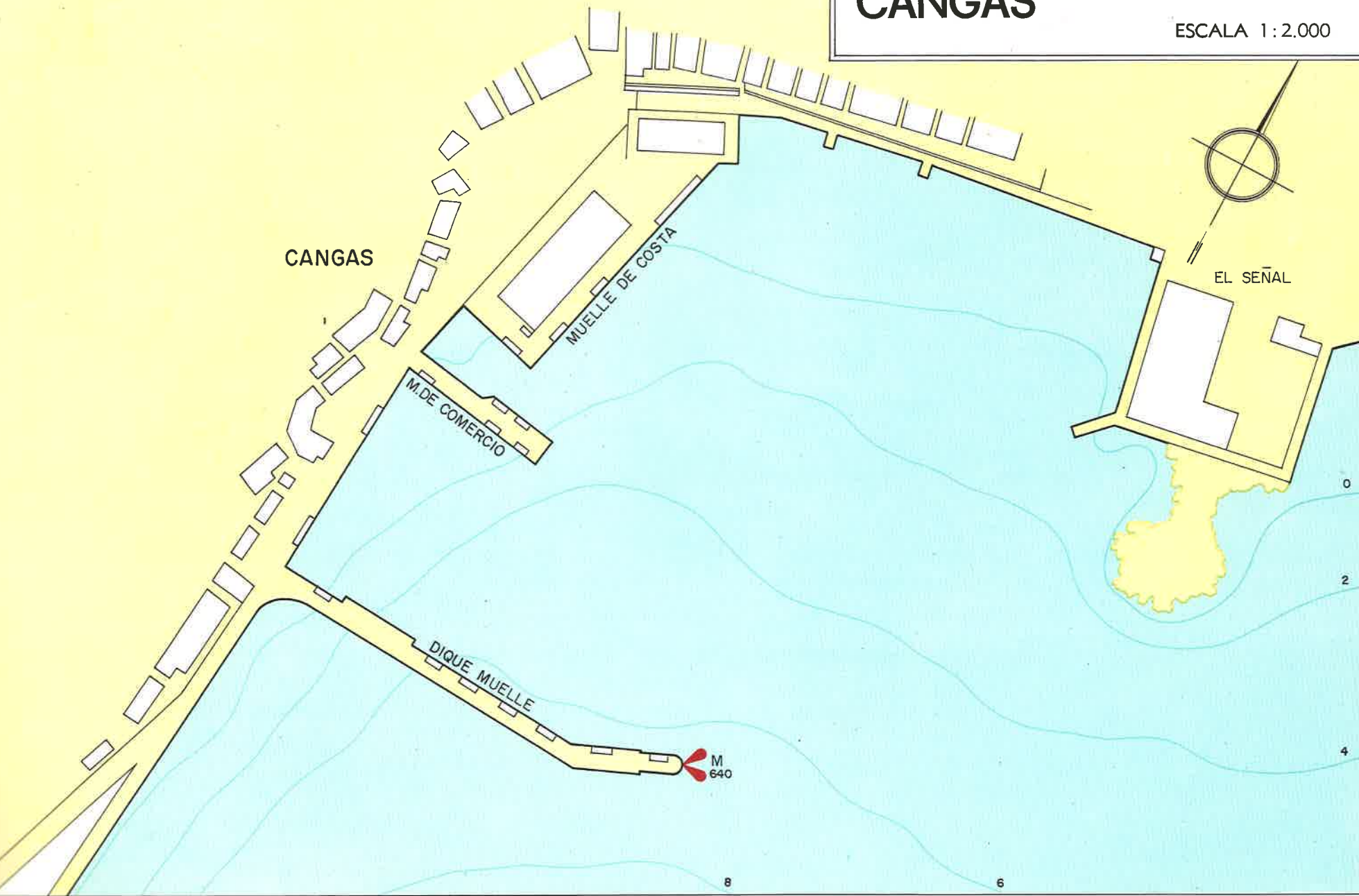


ALDAN



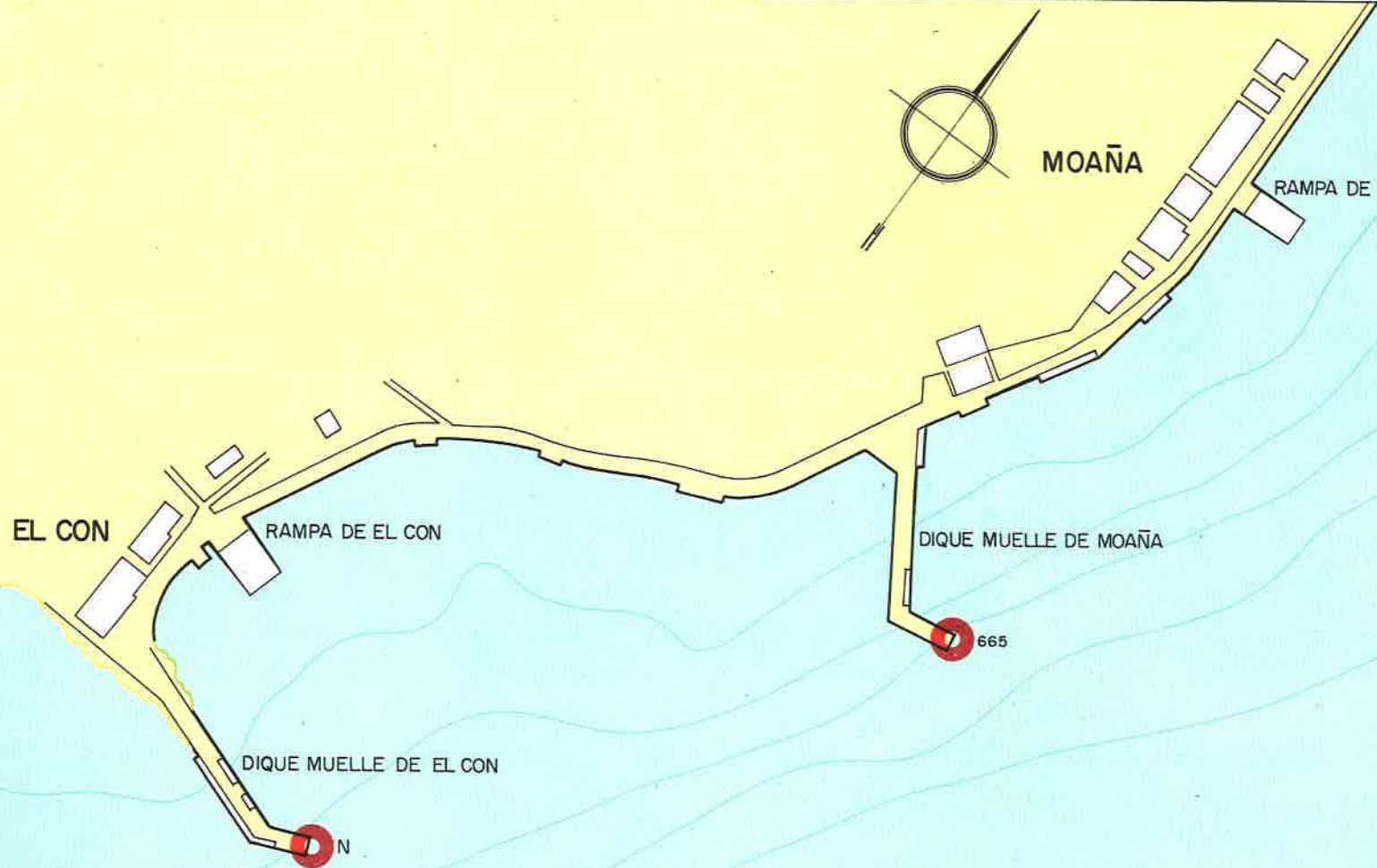
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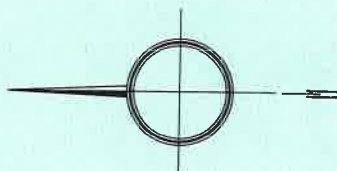
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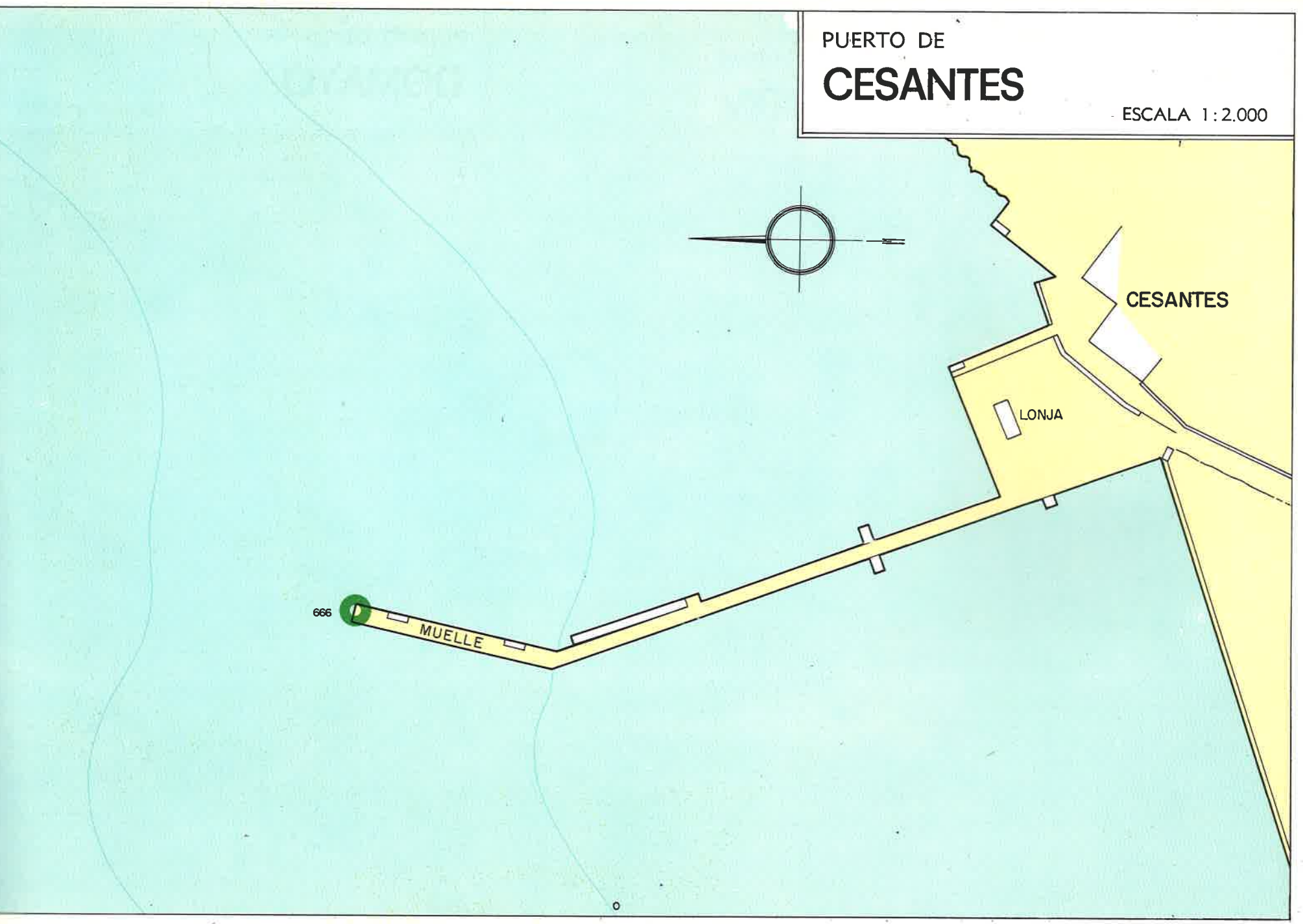


CESANTES

LONJA

666

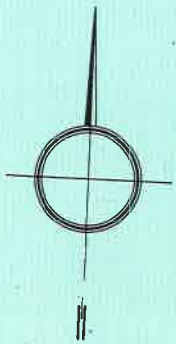
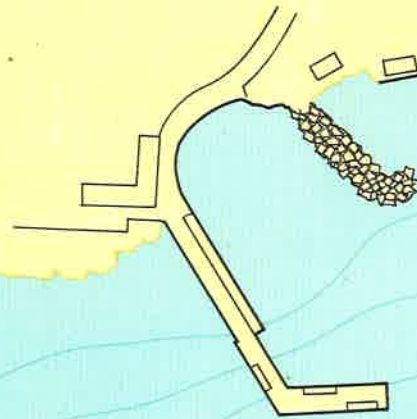
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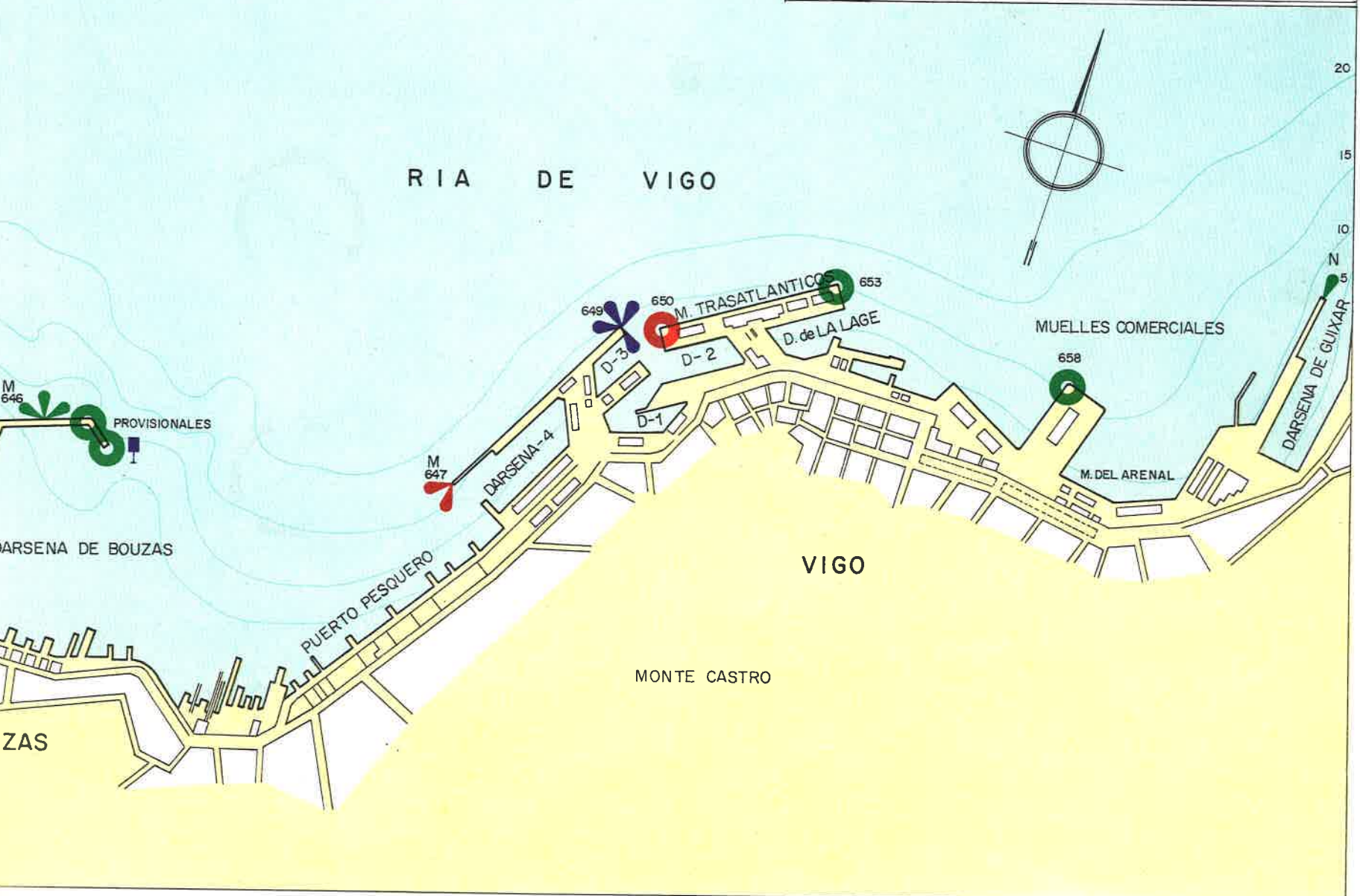
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SIN BALIZAMIENTO

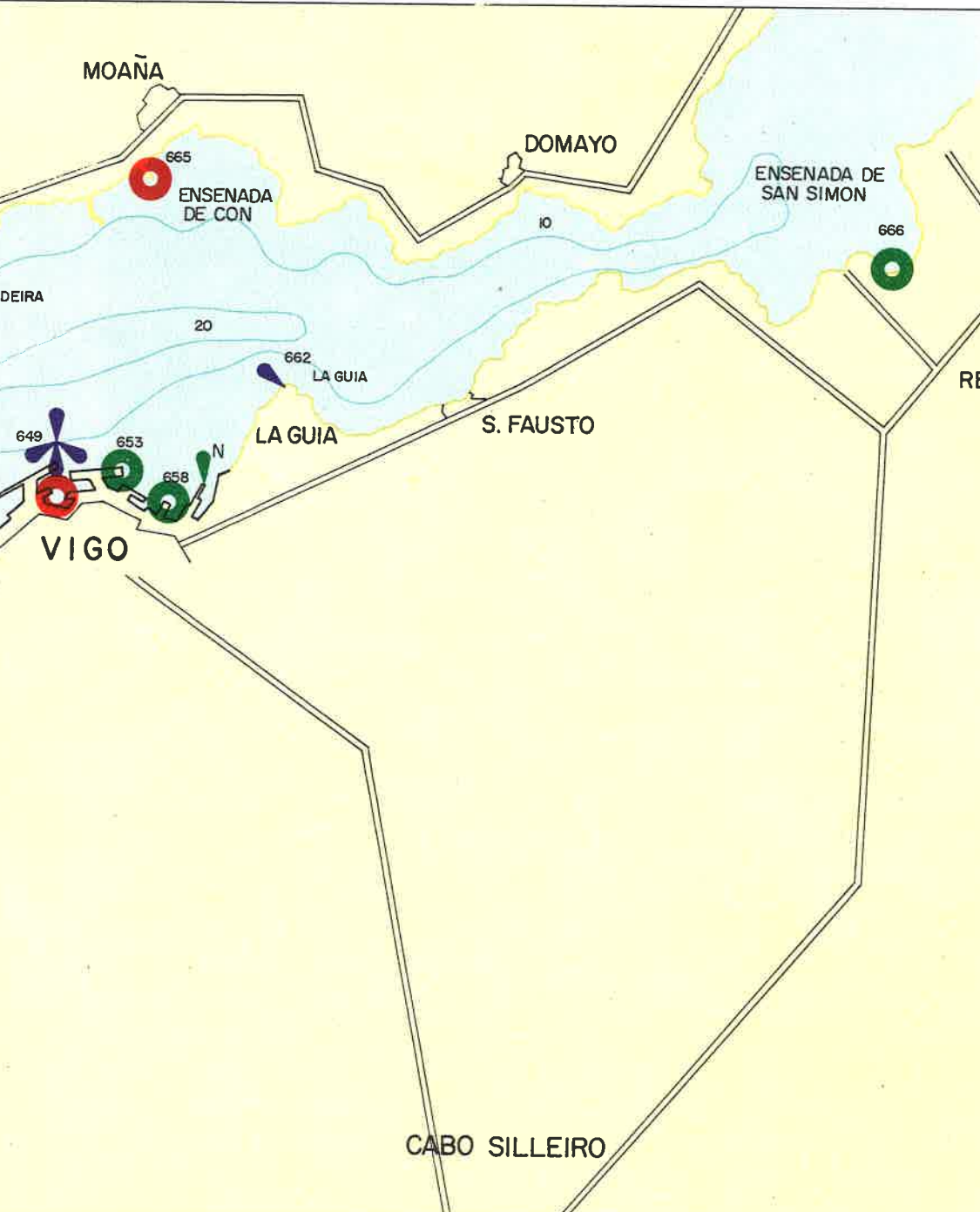


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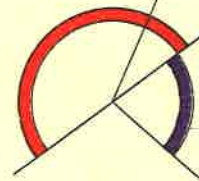
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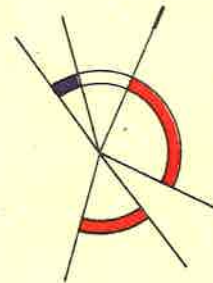
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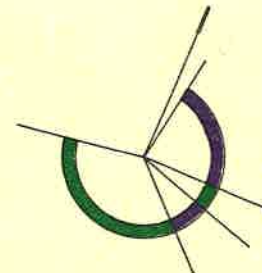
DETALLE 621
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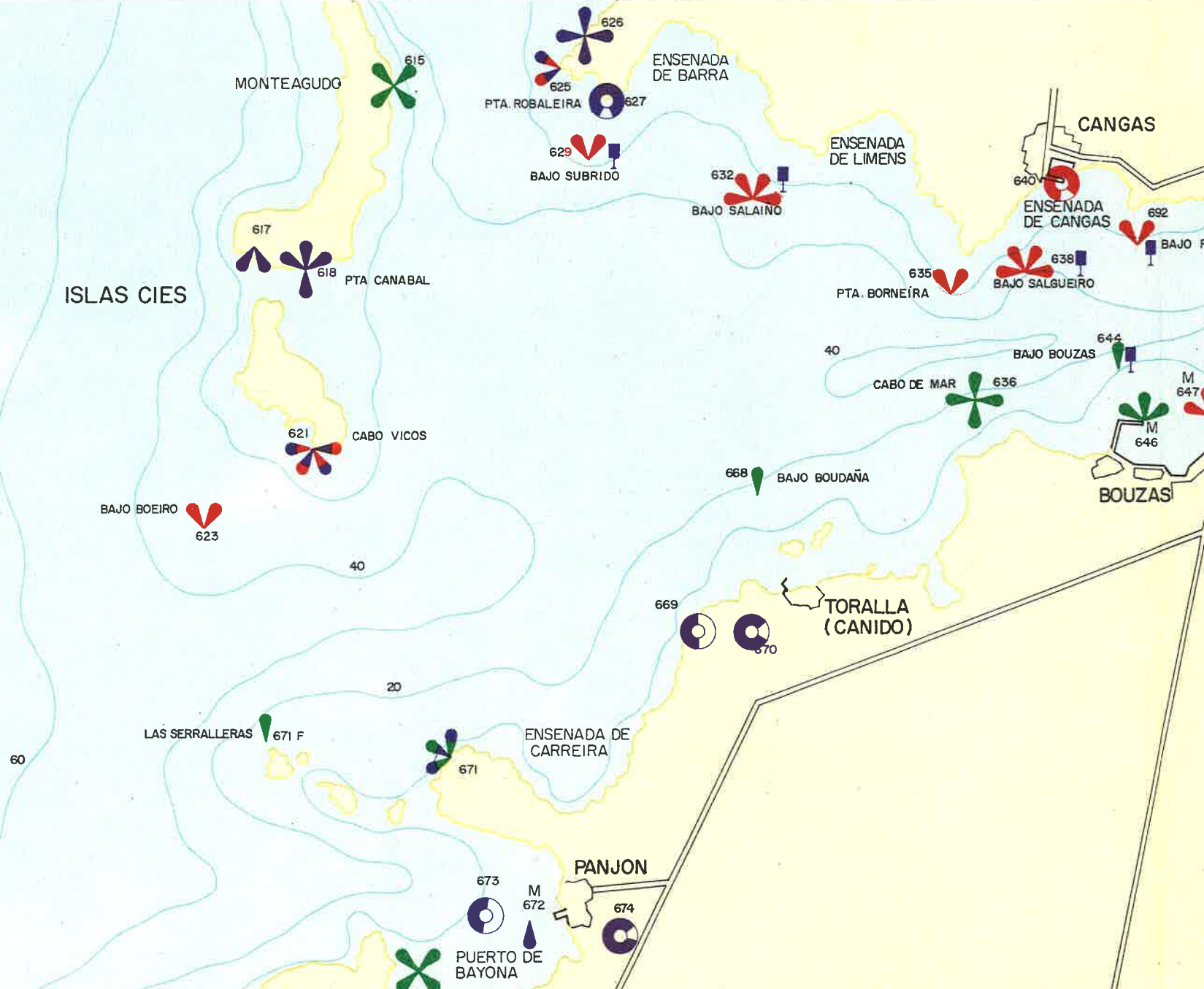


DETALLE 625
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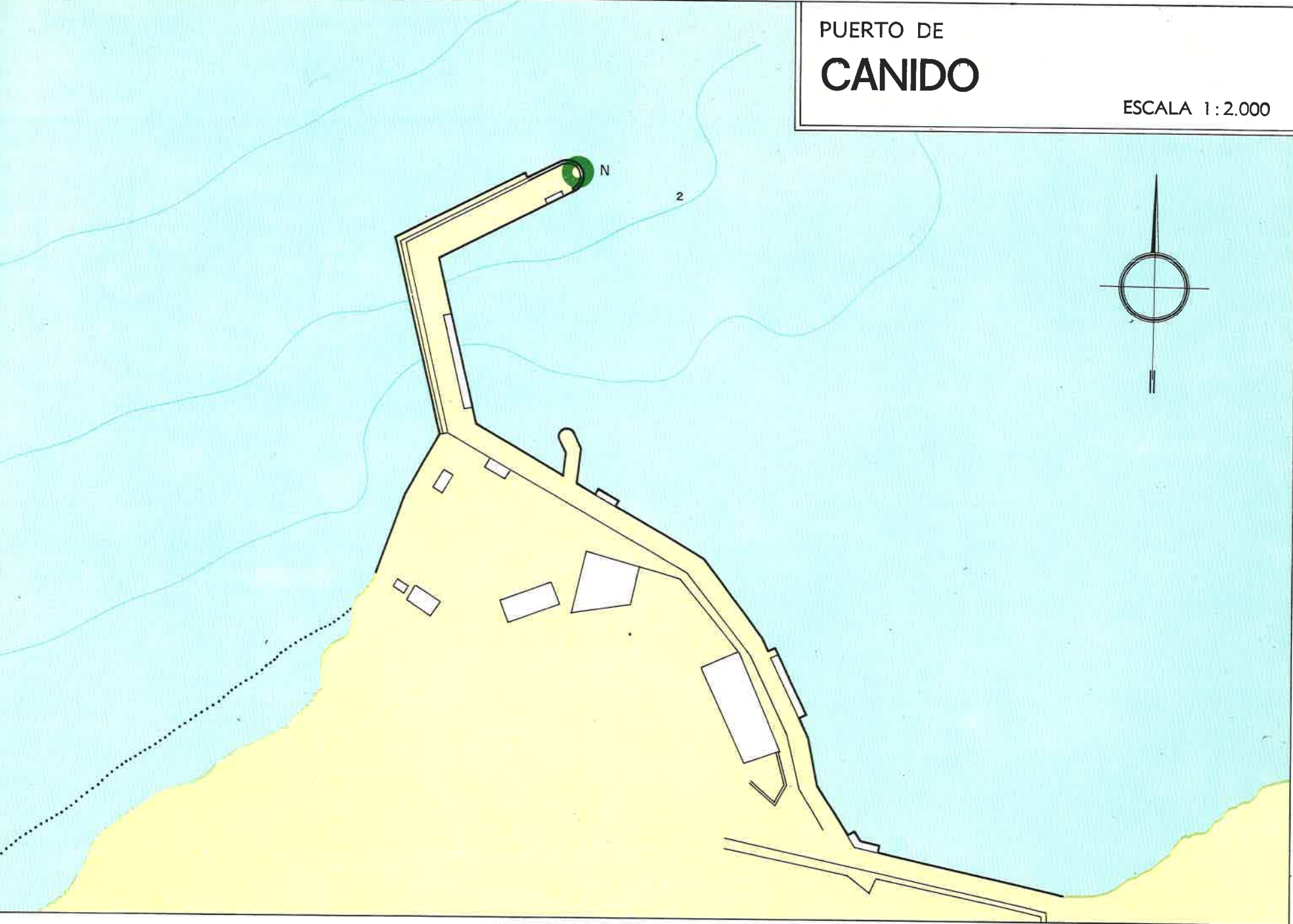
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DEMORAS





PUERTO DE
CANIDO

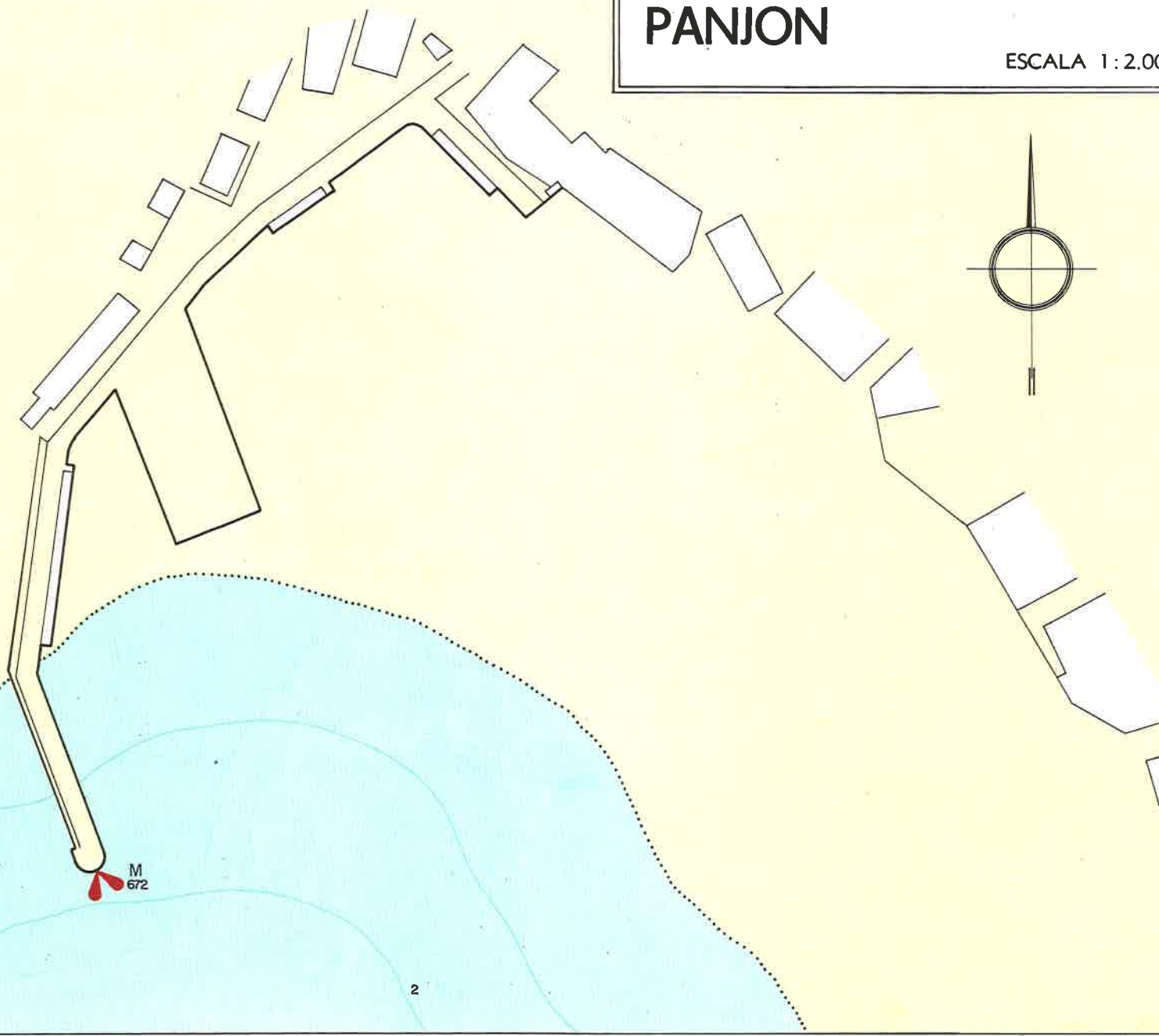
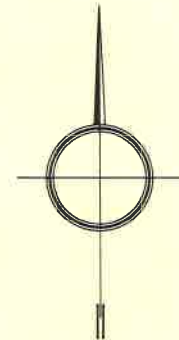
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GRUPO DE PUERTOS DE PONTEVEDRA

PANJON

ESCALA 1:2.000



M
672

2

GRUPO DE PUERTOS DE PONTEVEDRA

BAYONA

ESCALA 1:5.000



GRUPO DE PUERTOS DE PONTEVEDRA

LA GUARDIA

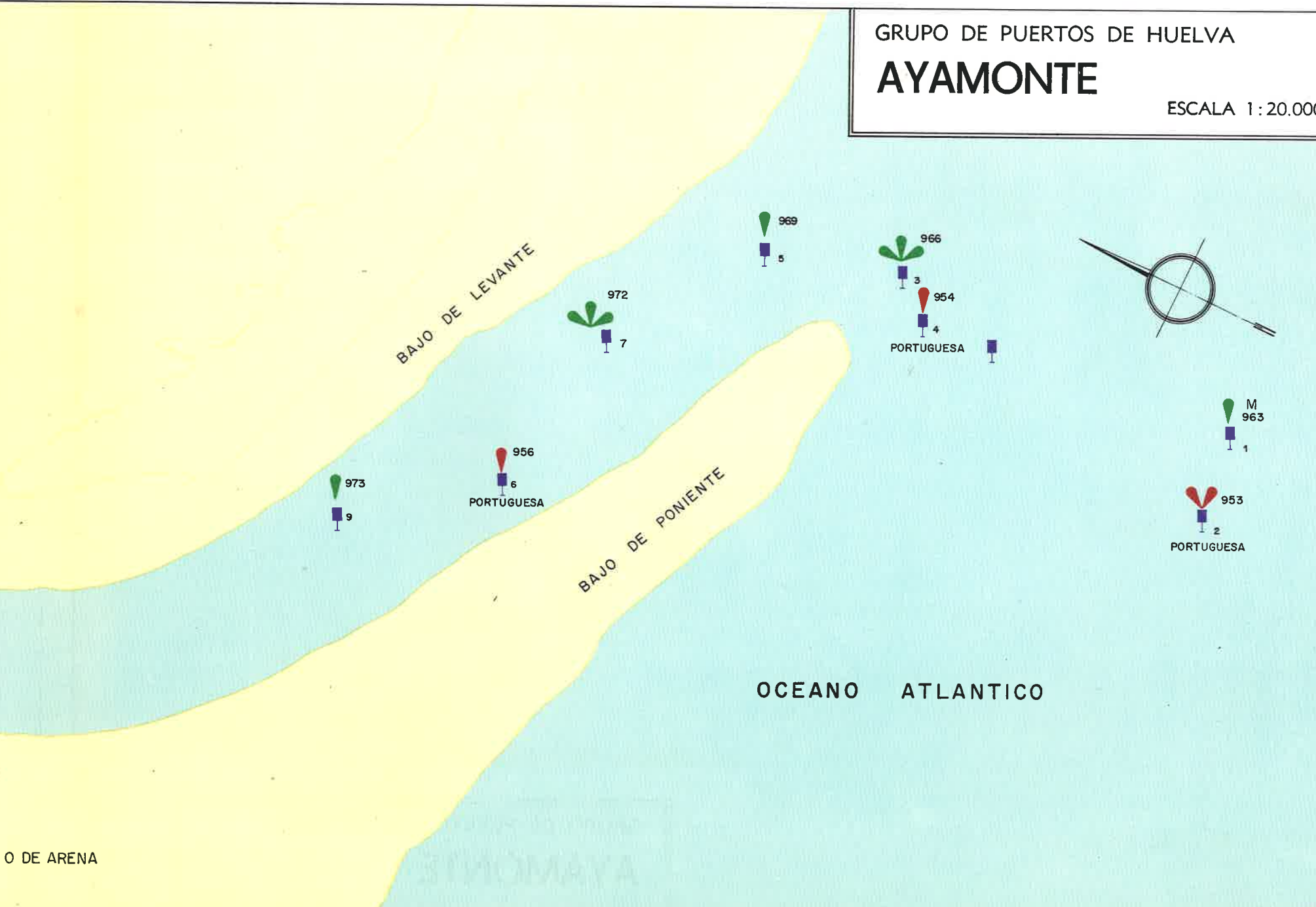
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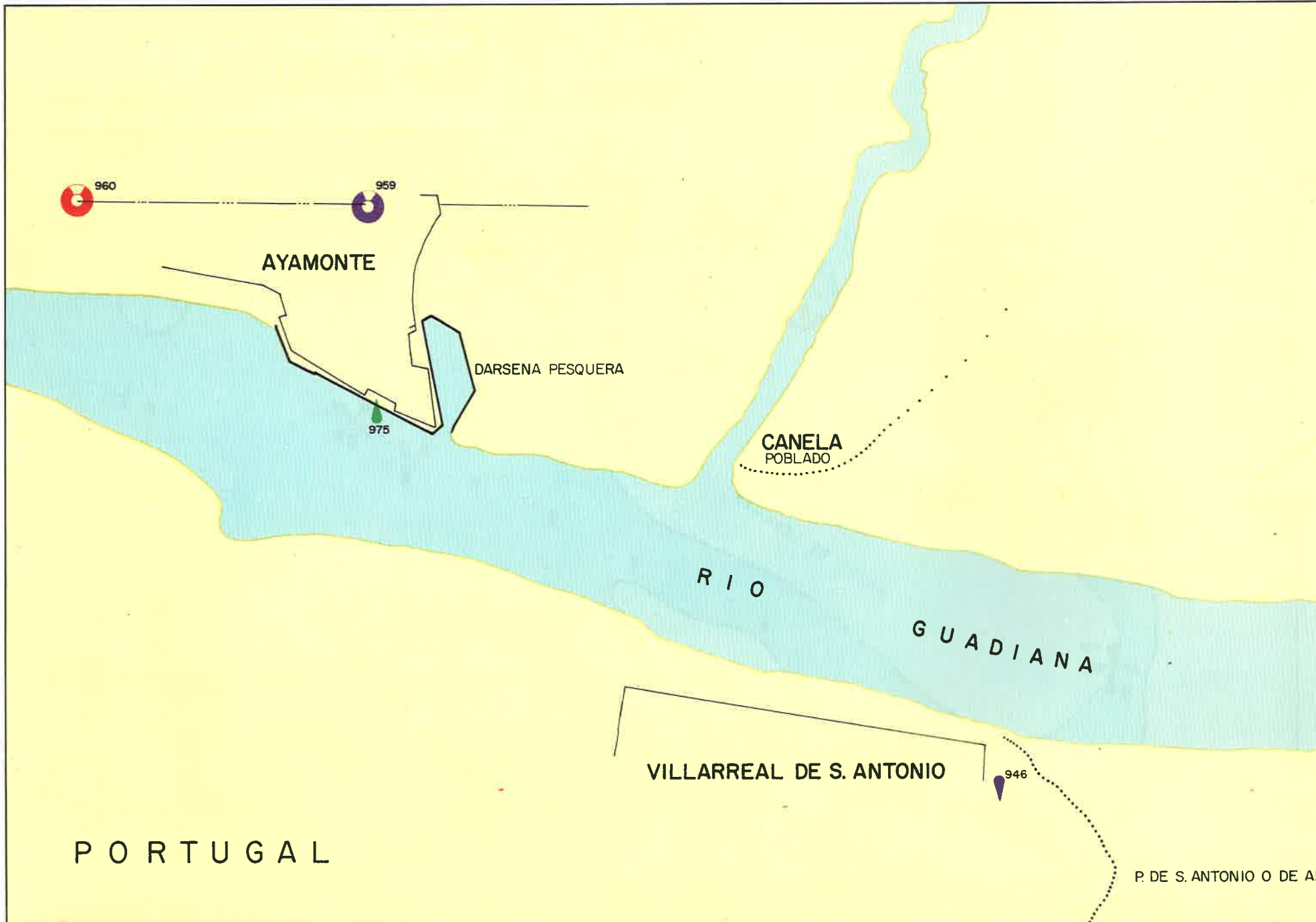


GRUPO DE PUERTOS DE HUELVA

AYAMONTE

ESCALA 1:20.000





960



959

AYAMONTE

DARSENA PESQUERA

975

CANELA
POBLADO

R I O

G U A D I A N A

VILLARREAL DE S. ANTONIO

946

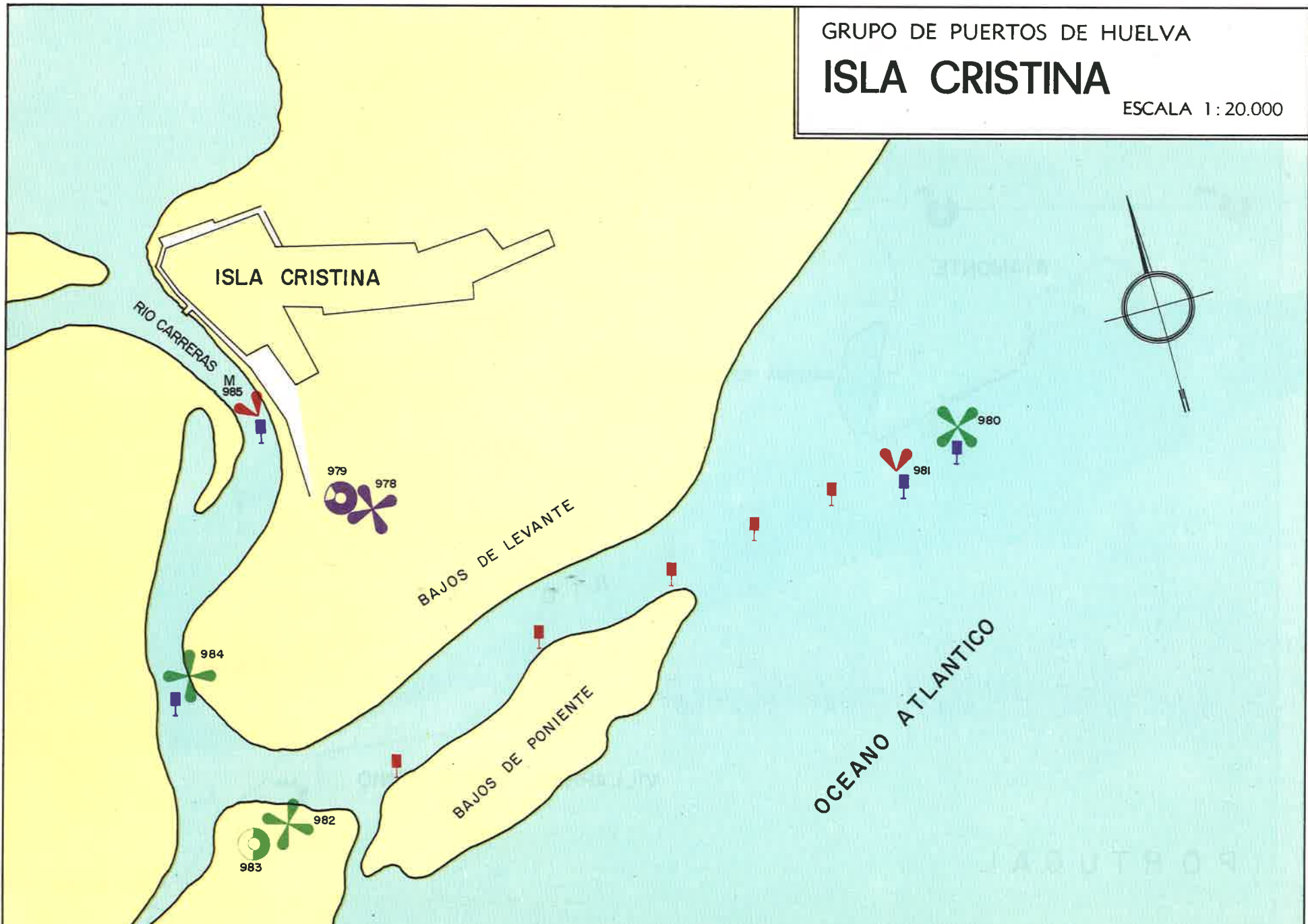
P O R T U G A L

P. DE S. ANTONIO O DE A

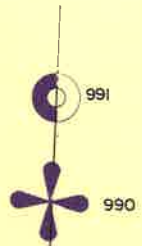
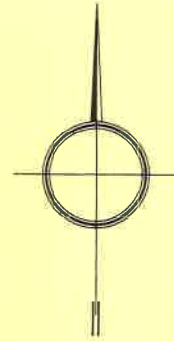
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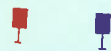


RIO PIEDRAS

BAJOS DE PONIENTE

BAJOS DE PONIENTE

O ATLANTICO



EL TERRON

MUELLE

N

MARISMAS

ISLA DEL VINAGRE

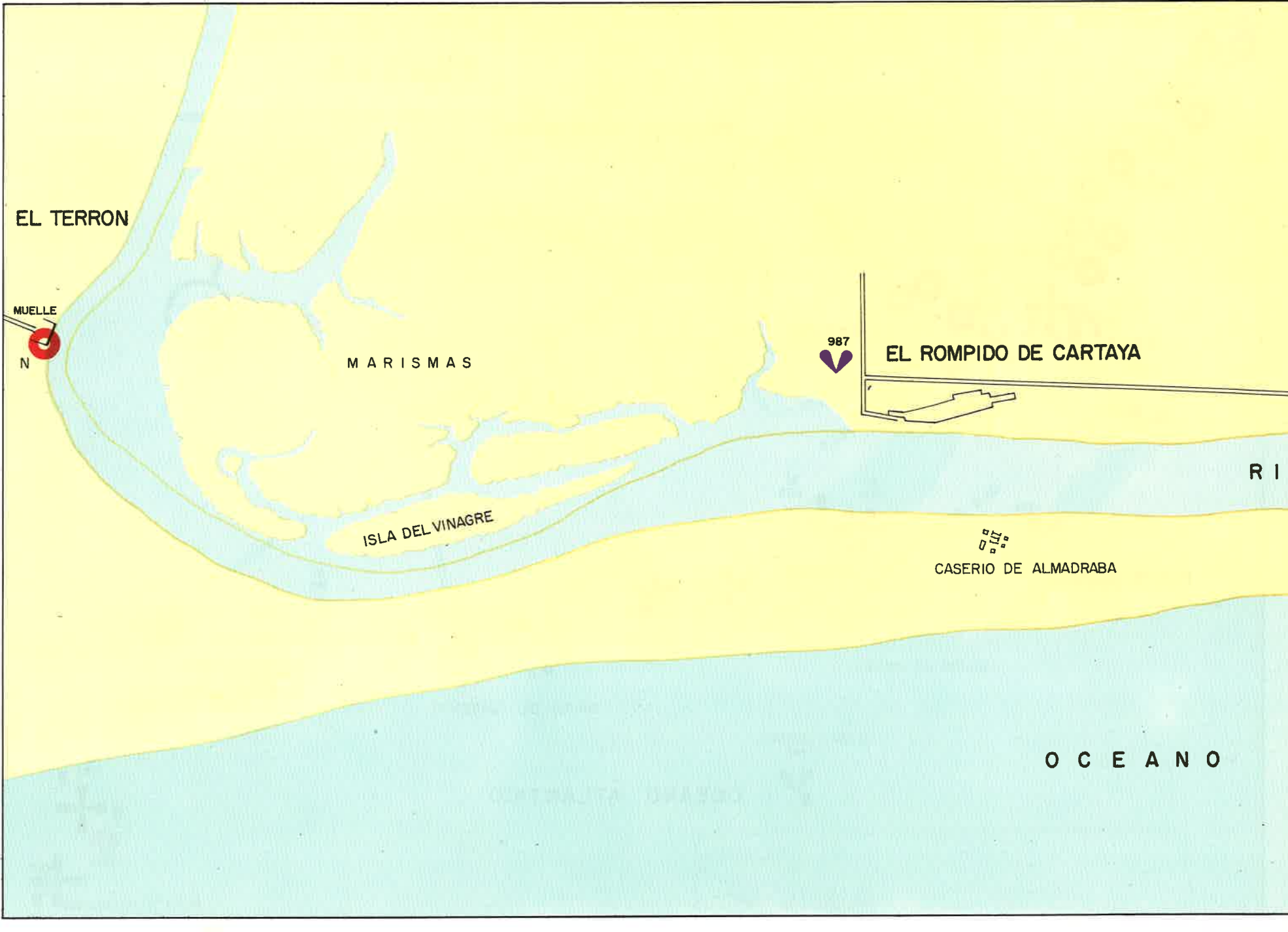
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EL ROMPIDO DE CARTAYA

CASERIO DE ALMADRABA

OCEANO

R I



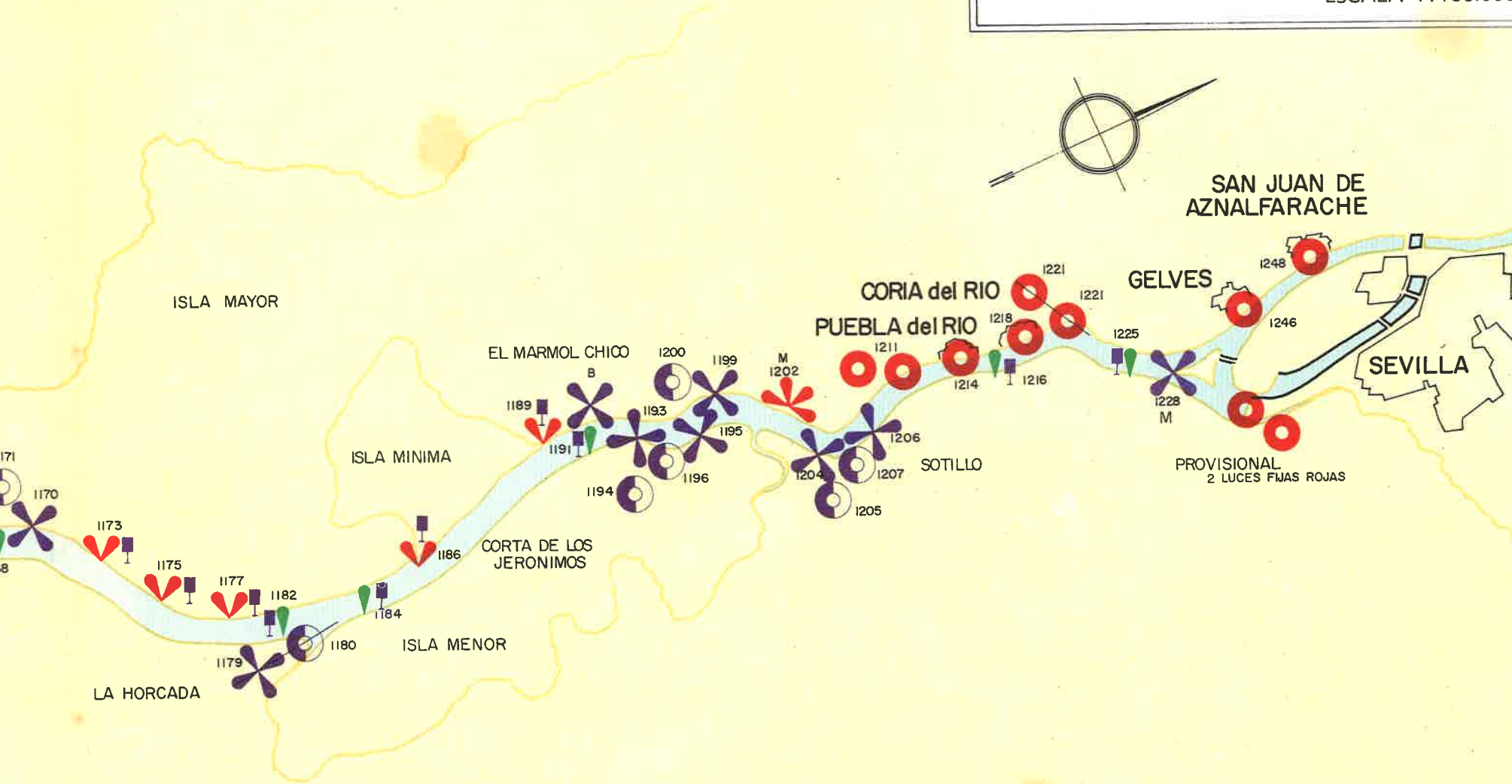
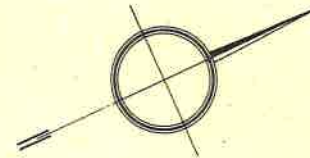
HUELVA

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PUERTO DE SEVILLA

ESCALA 1:180.000



CHIRONIA

BAJO DE SALMEDINA

M

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1090
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1096
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CON RADAR
1100
1103
1104
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1111
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NAUFRAGIO

COTO DE OÑANA

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EL PUNTAL

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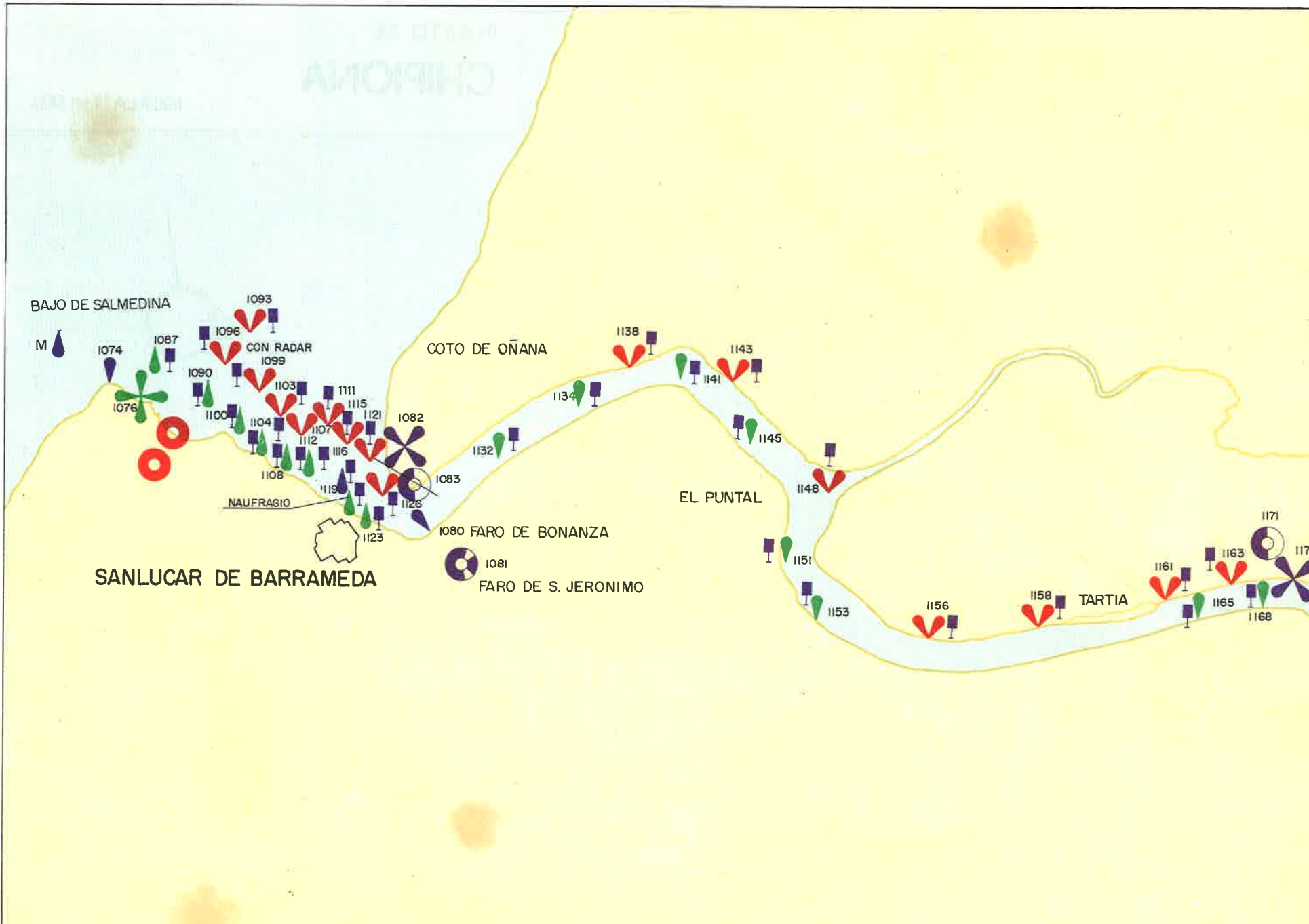
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1081 FARO DE S. JERONIMO

TARTIA



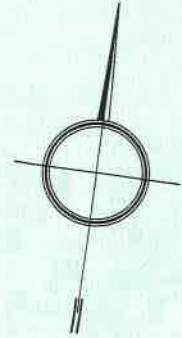
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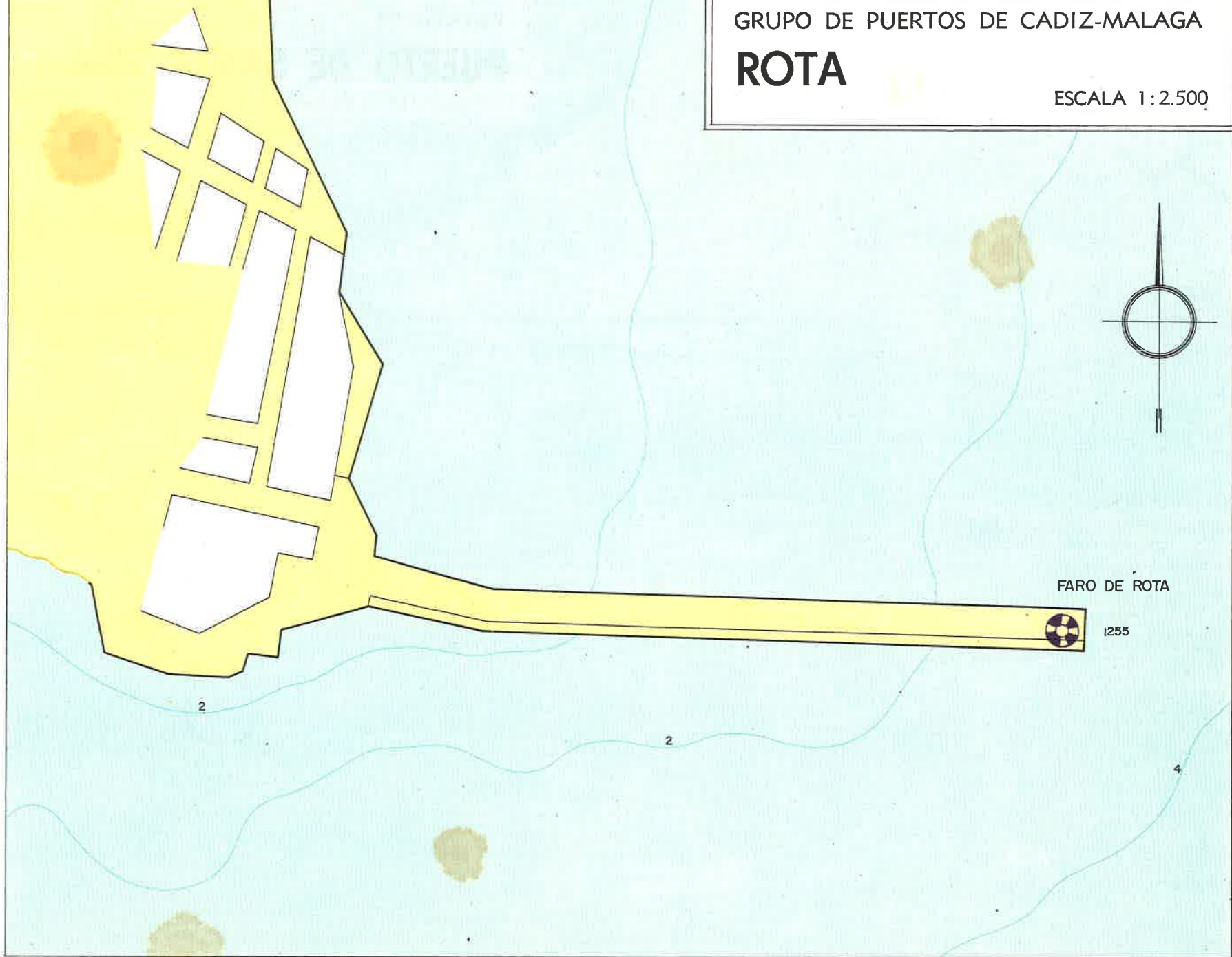
SEÑAL DE PELIGRO

1076



ROTA

ESCALA 1:2.500



FC. SEVILLA A CADIZ

FABRICA DE CEMENTO

Ca. MADRID A CADIZ

MALECON DE

1278

EJE DE LA CANAL DE ACC

MUELLE COMERCIAL
RIO

GUADALETE
MUELLE PESQUERO

M. PASAJEROS

LONJA

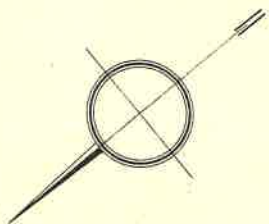
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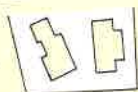
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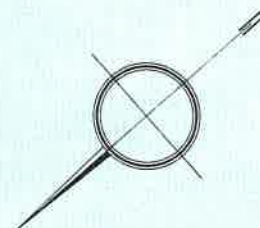
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E ACCESO



MALECON DE ENCAUZAMIENTO
DE PONIENTE

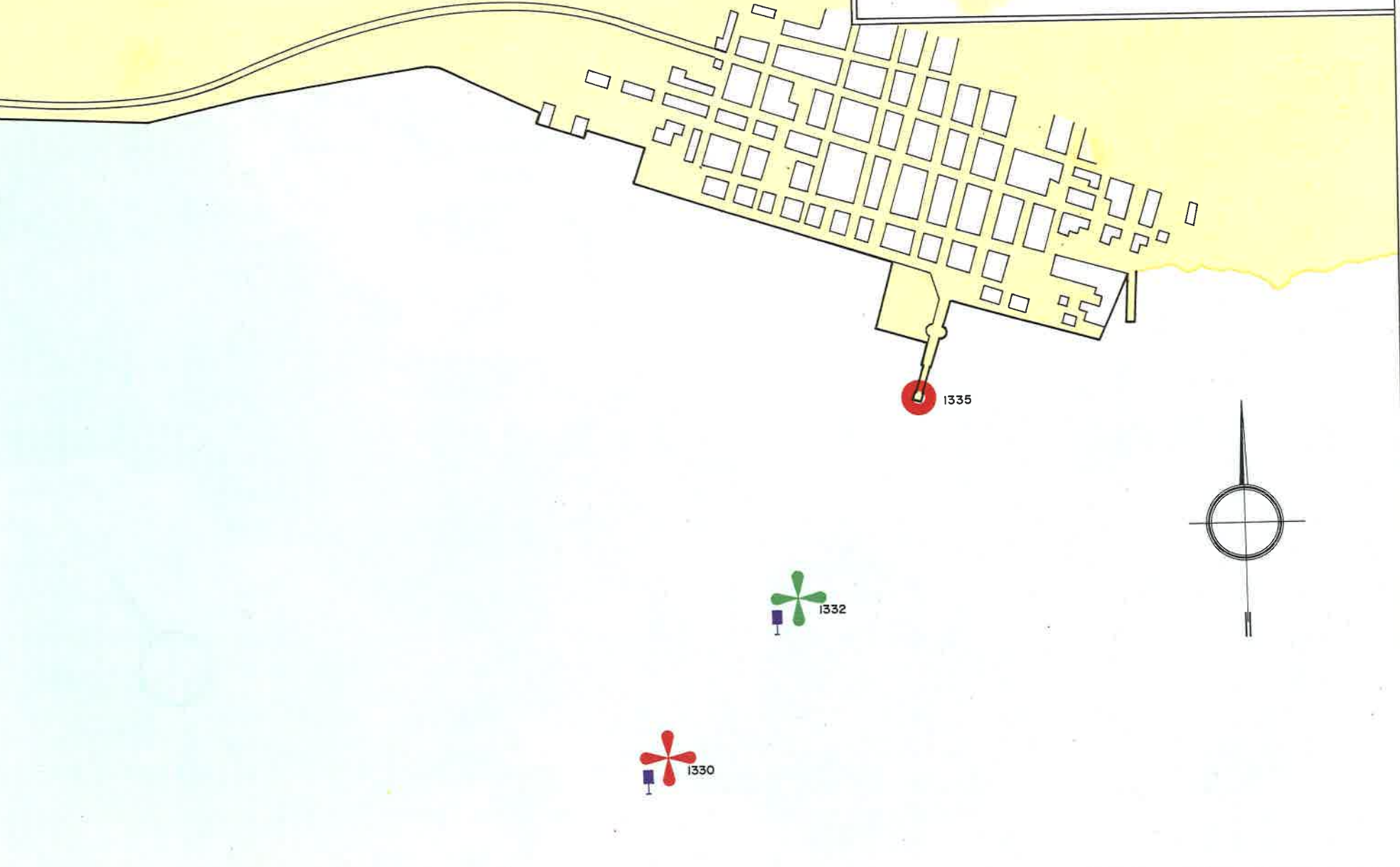
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GRUPO DE PUERTOS DE CADIZ-MALAGA

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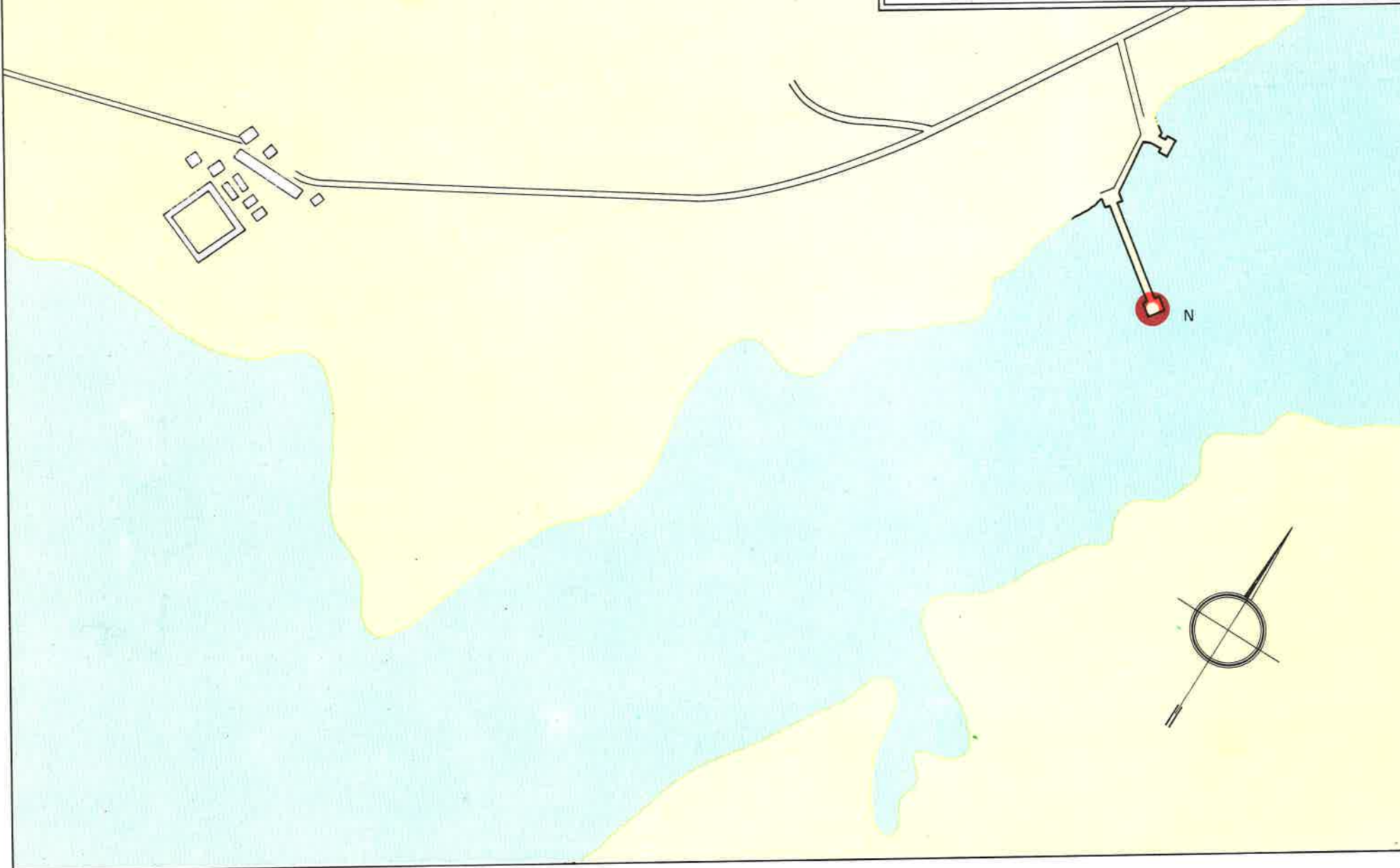
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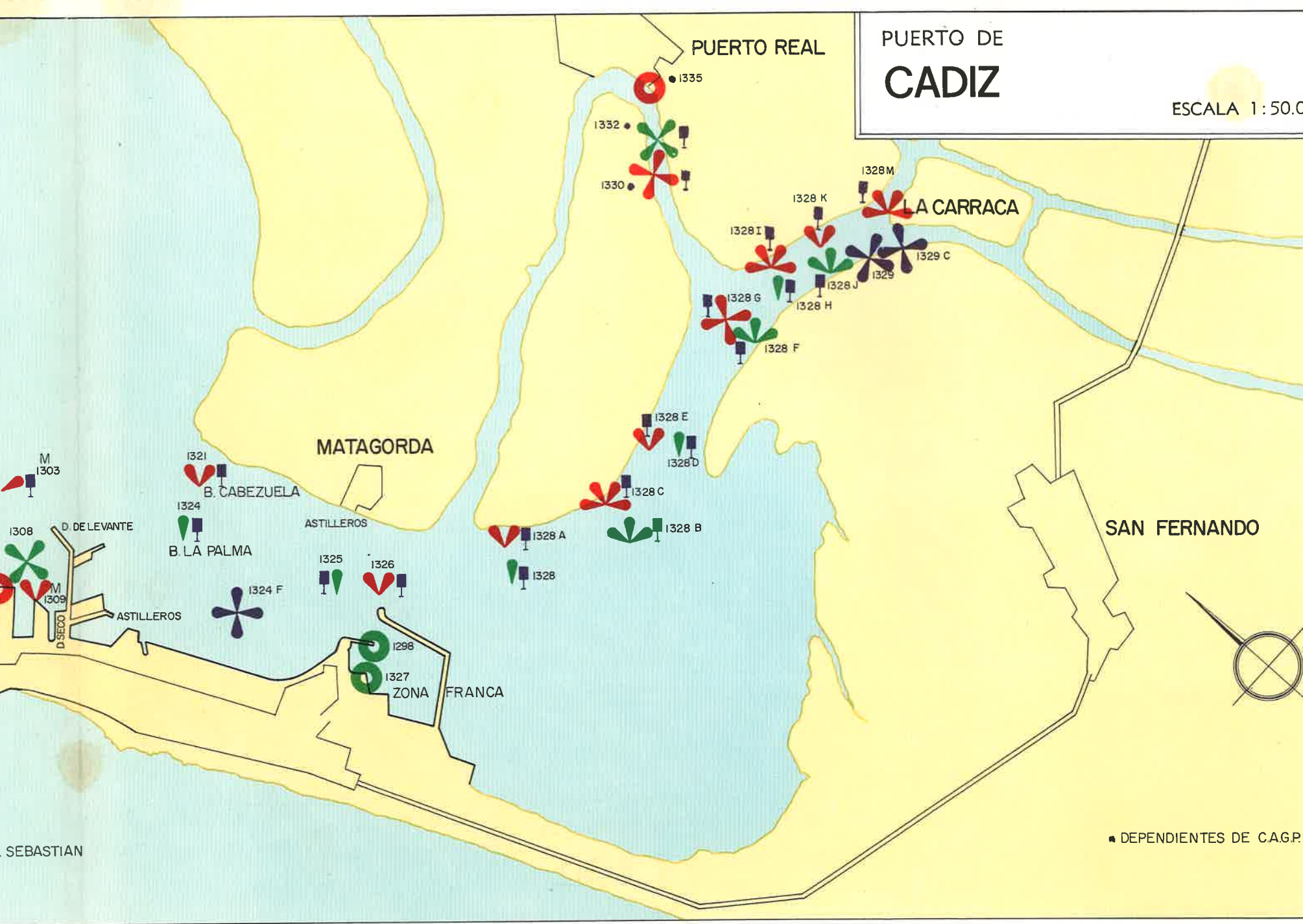
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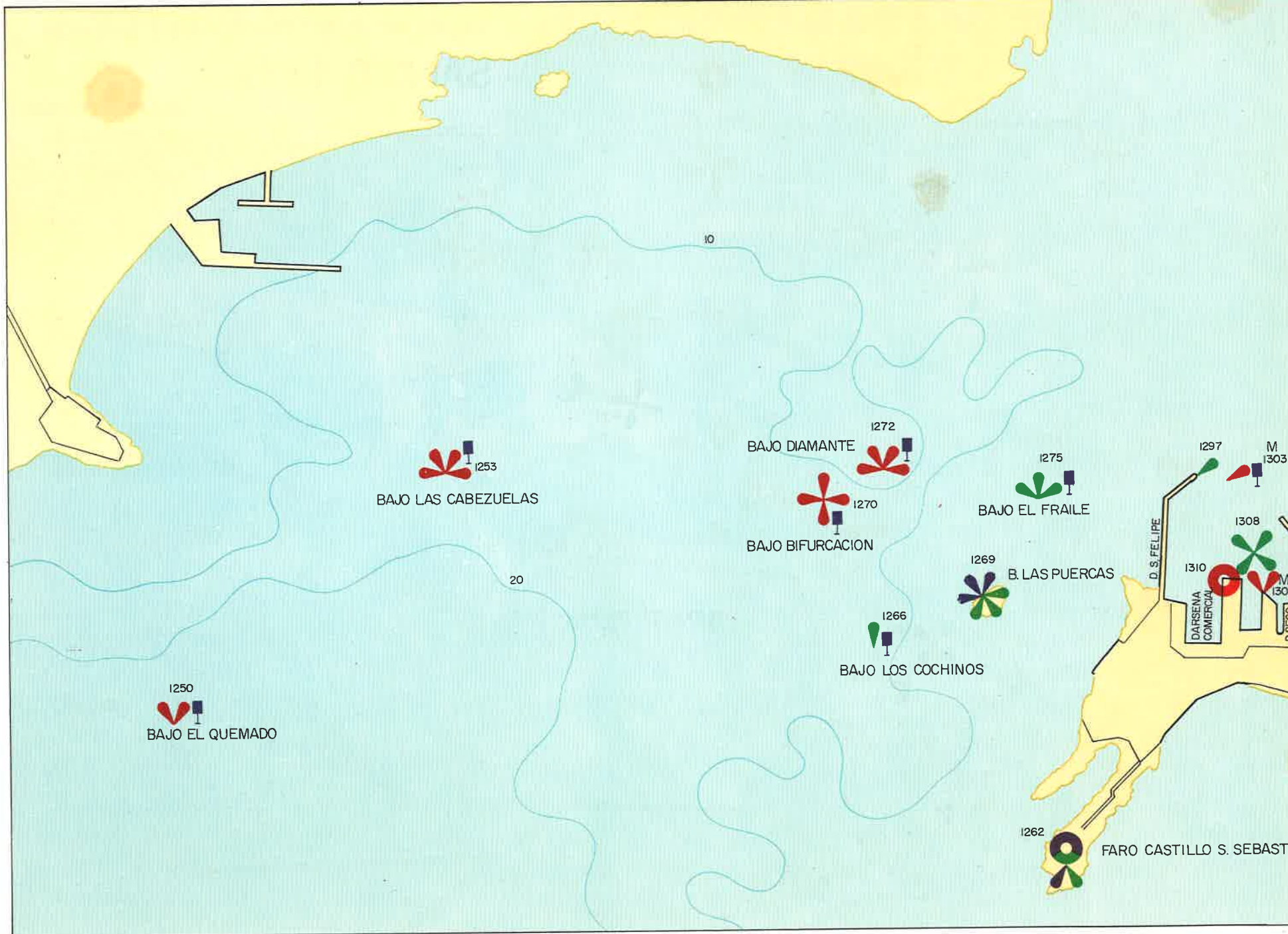


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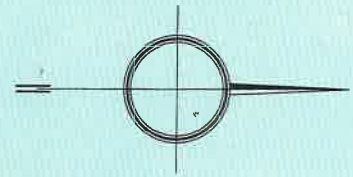
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■ DEPENDIENTES DE C.A.G.P.



SANCTI PETRI



LOS FARALLONES

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CANAL DEL BOQUERON

1350

1349

CAÑO DE SANCTI-PETRI

BARRA DE SANCTI-PETRI

1345

1346

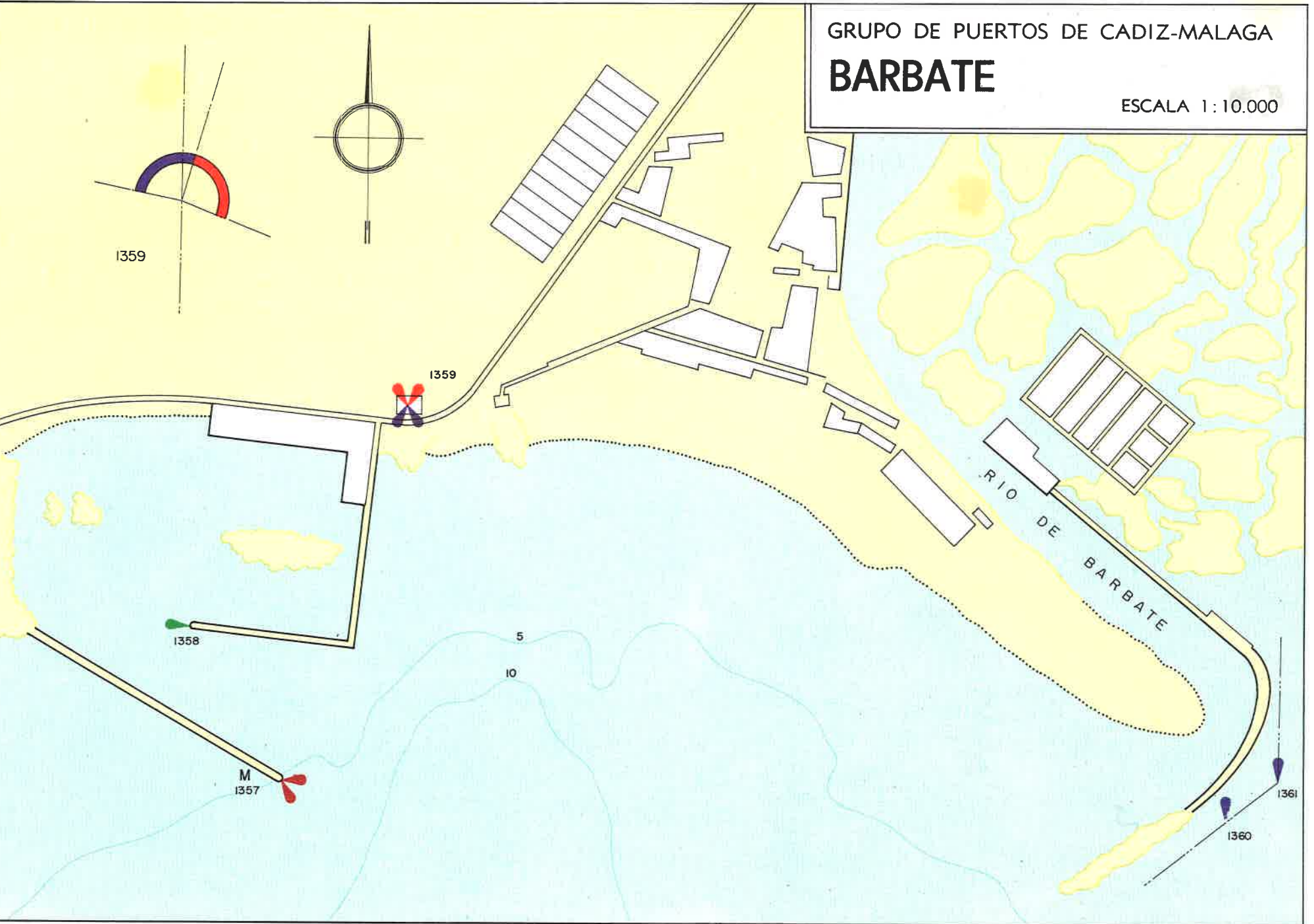
COTO DE S. JOSE

SANCTI-PETRI

N

BARBATE

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TARIFA

ESCALA 1:10.000



PUERTO DE ALGECIRAS

ESCALA 1:10.000



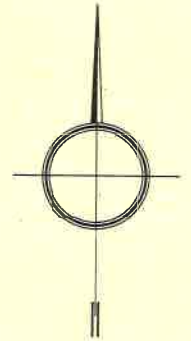
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MARBELLA

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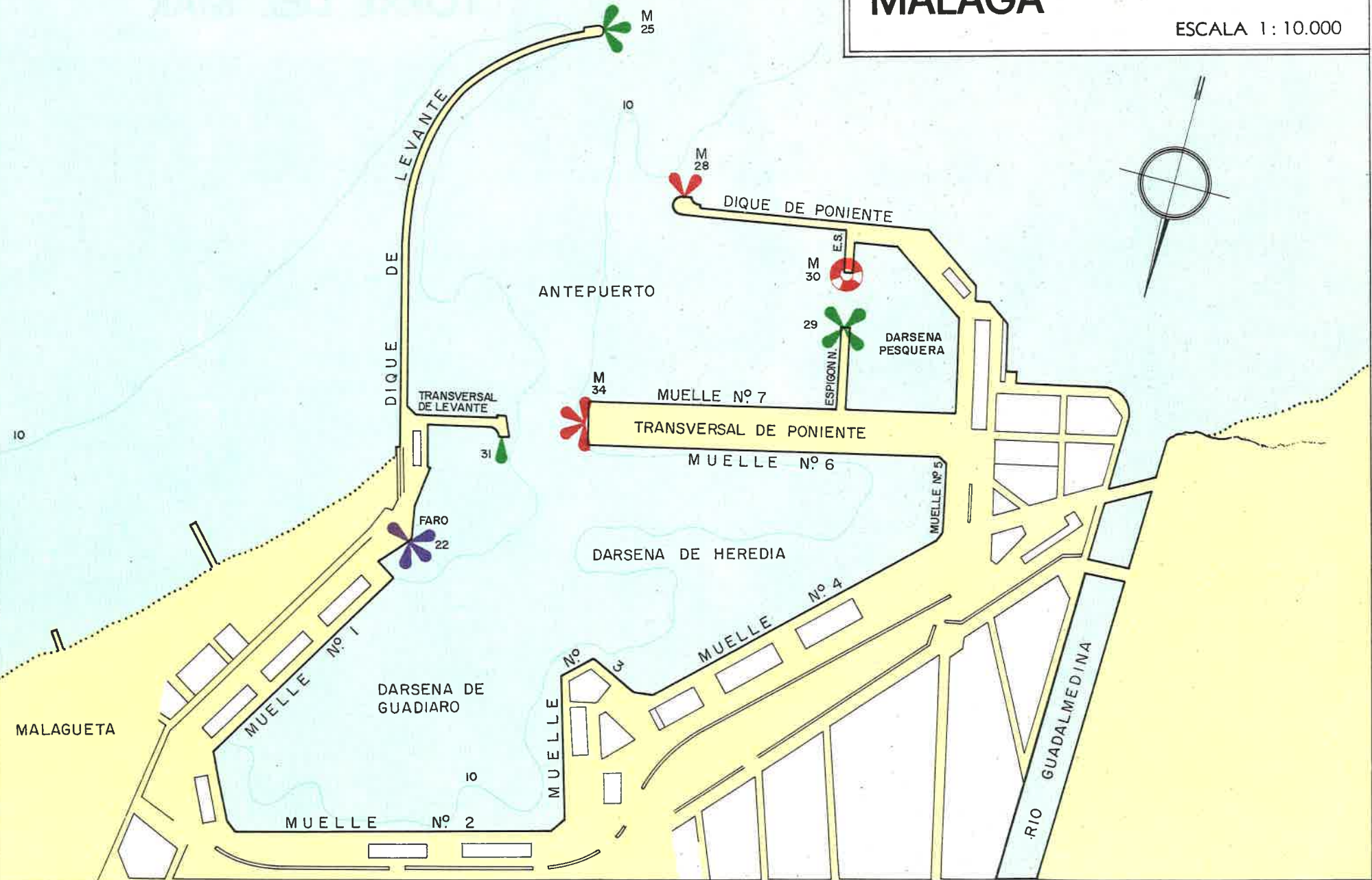
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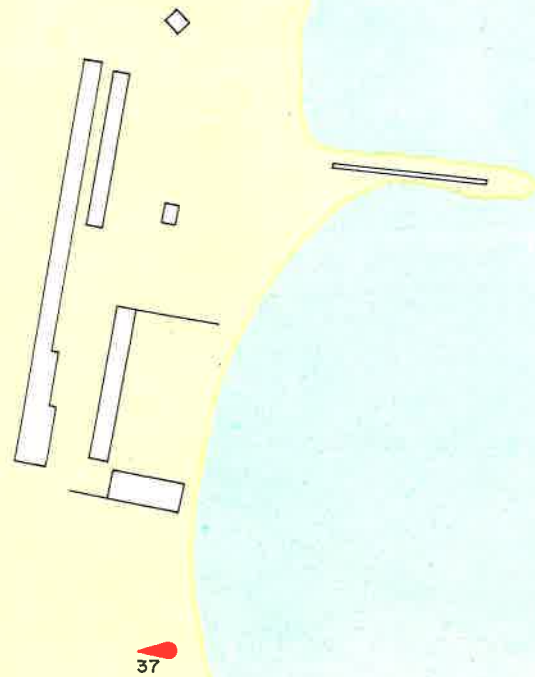
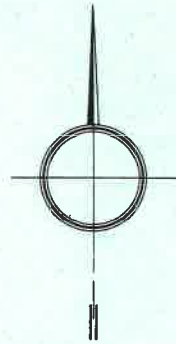
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TORRE DEL MAR

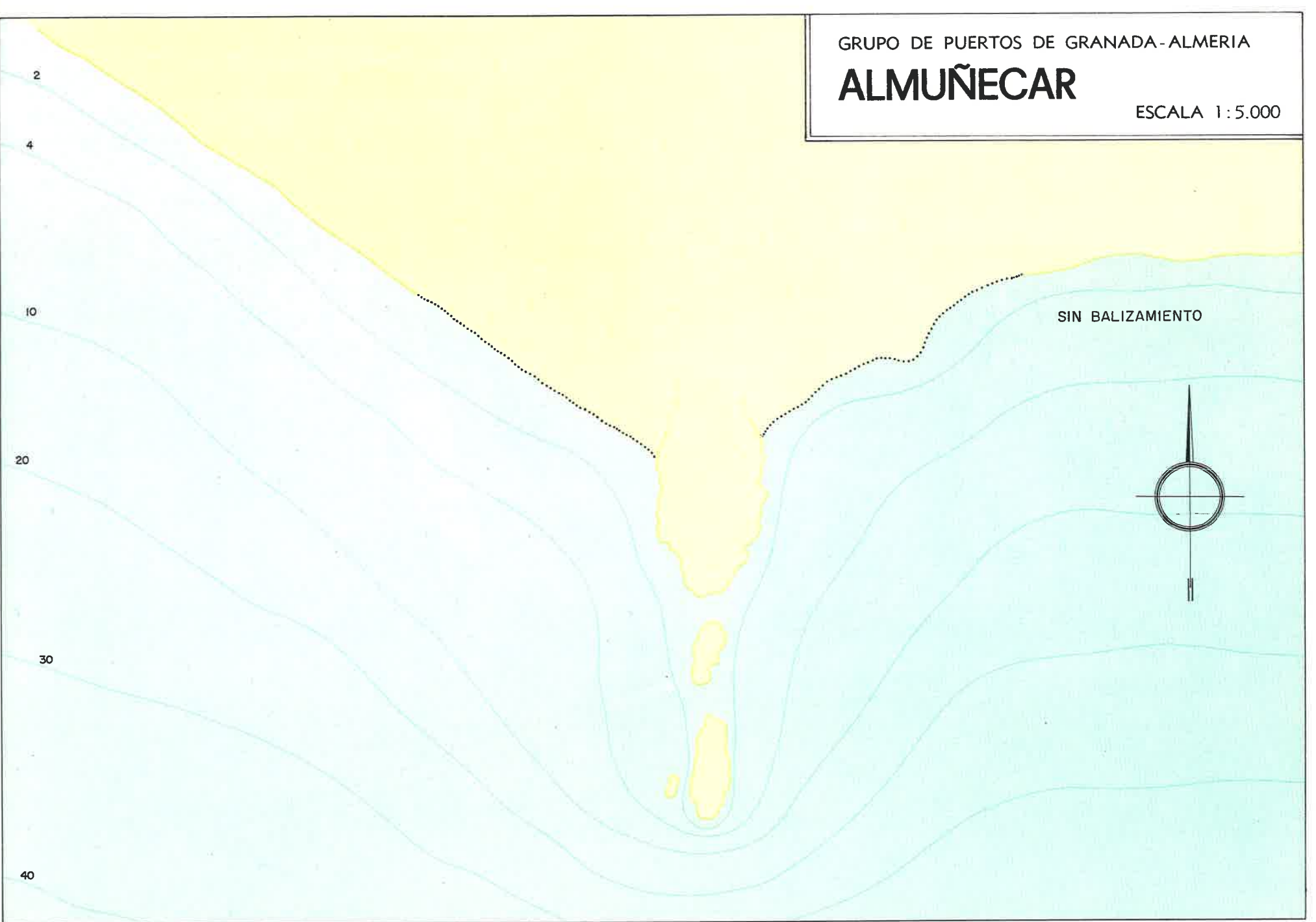
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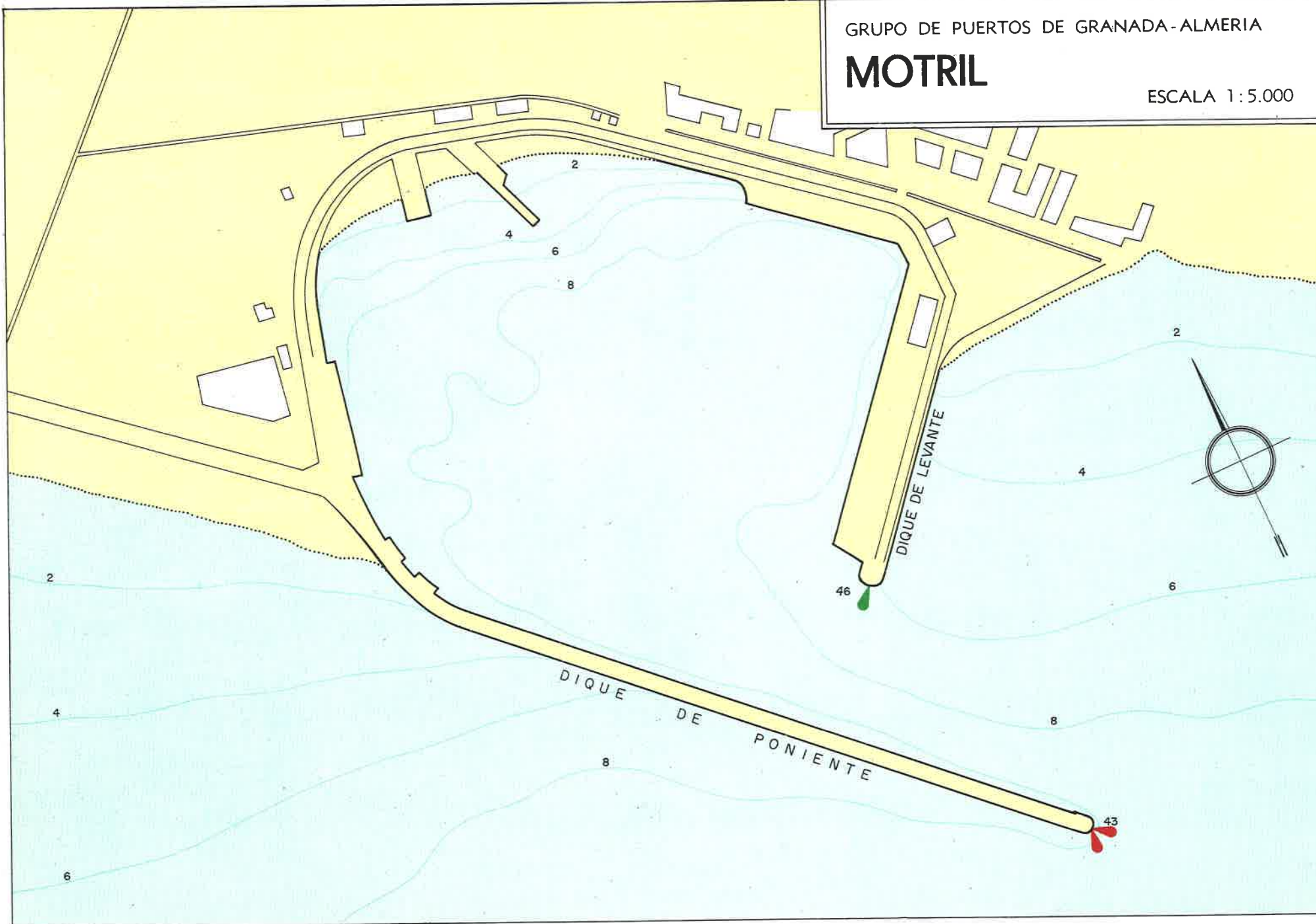
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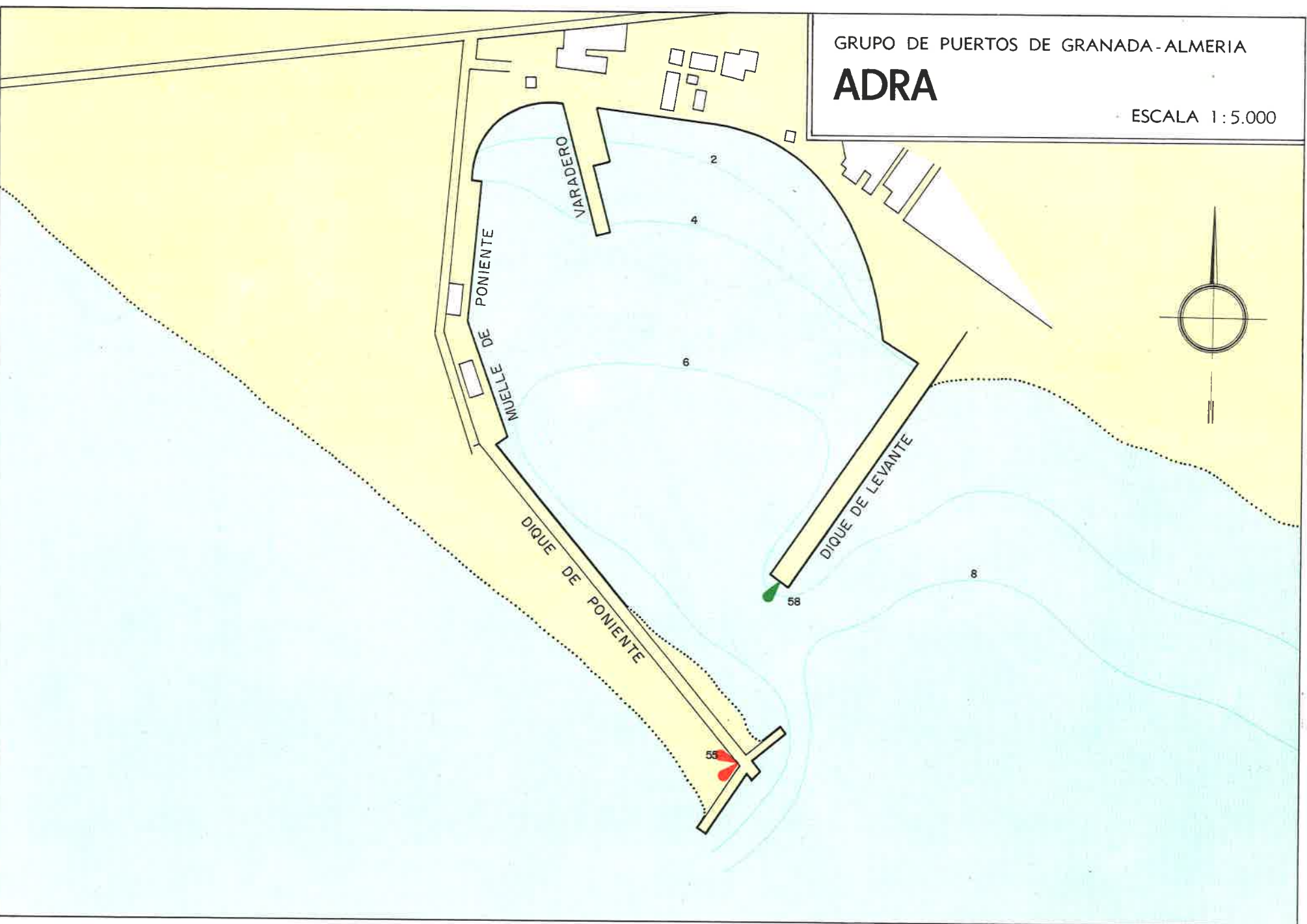


MOTRIL



ADRA

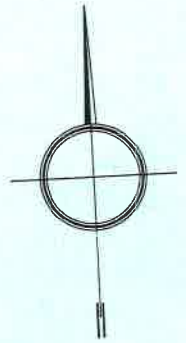
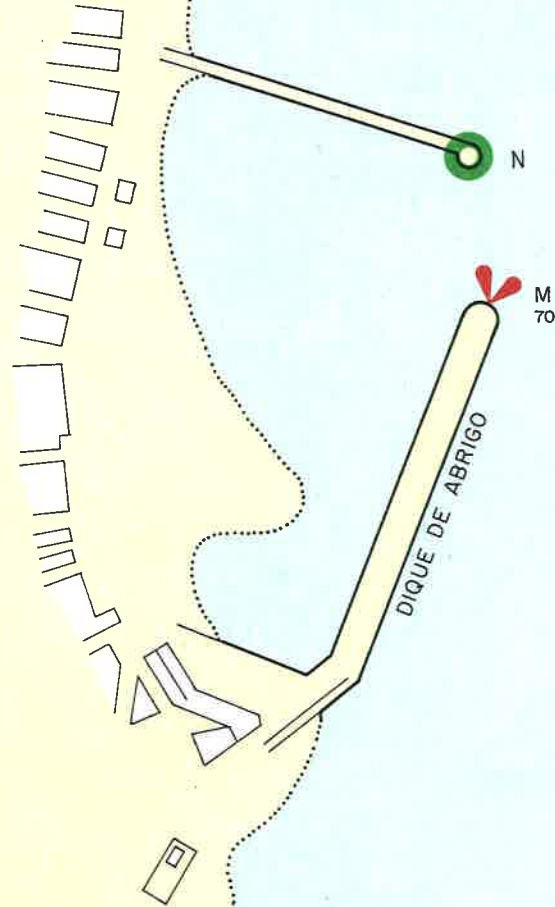
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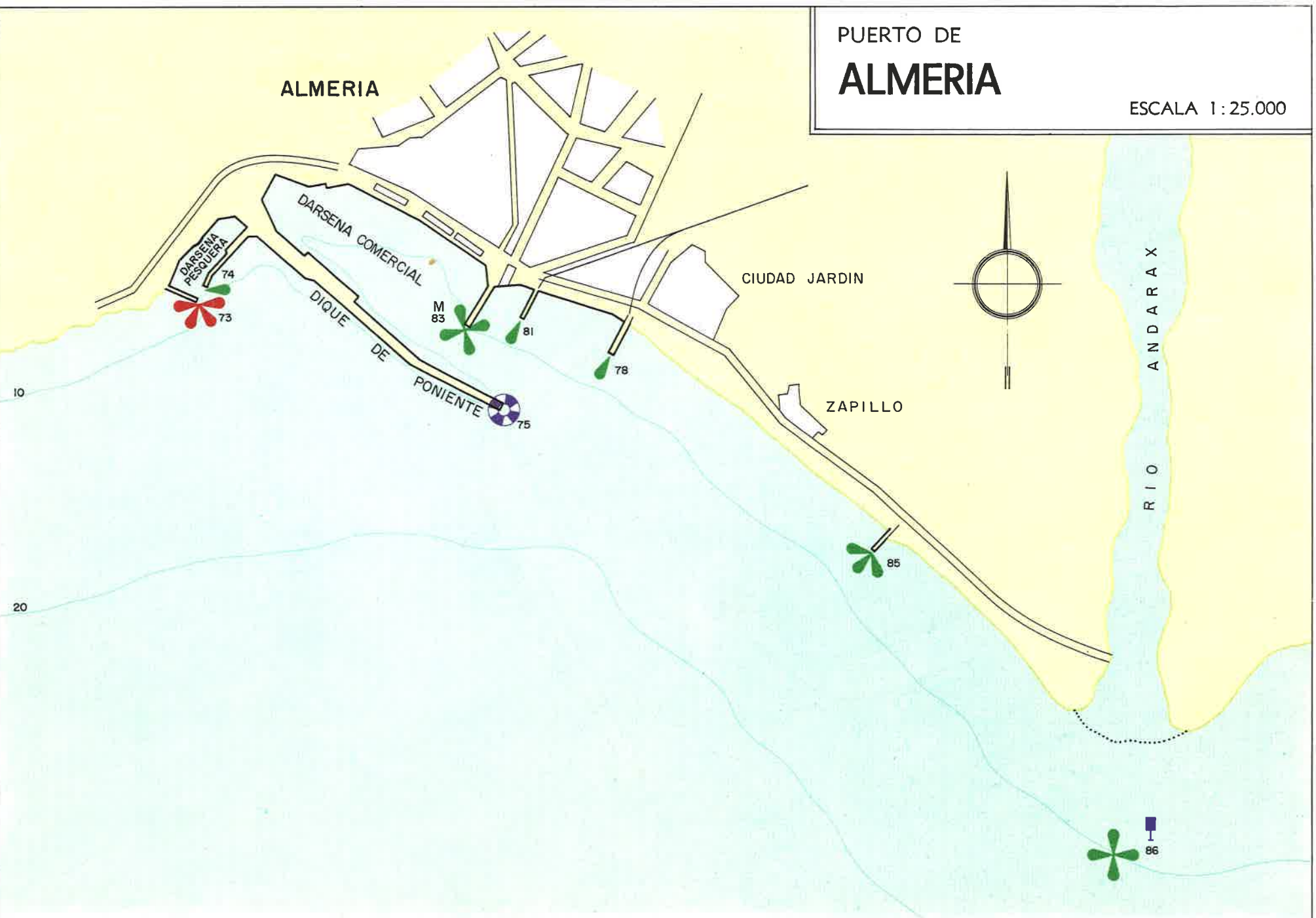
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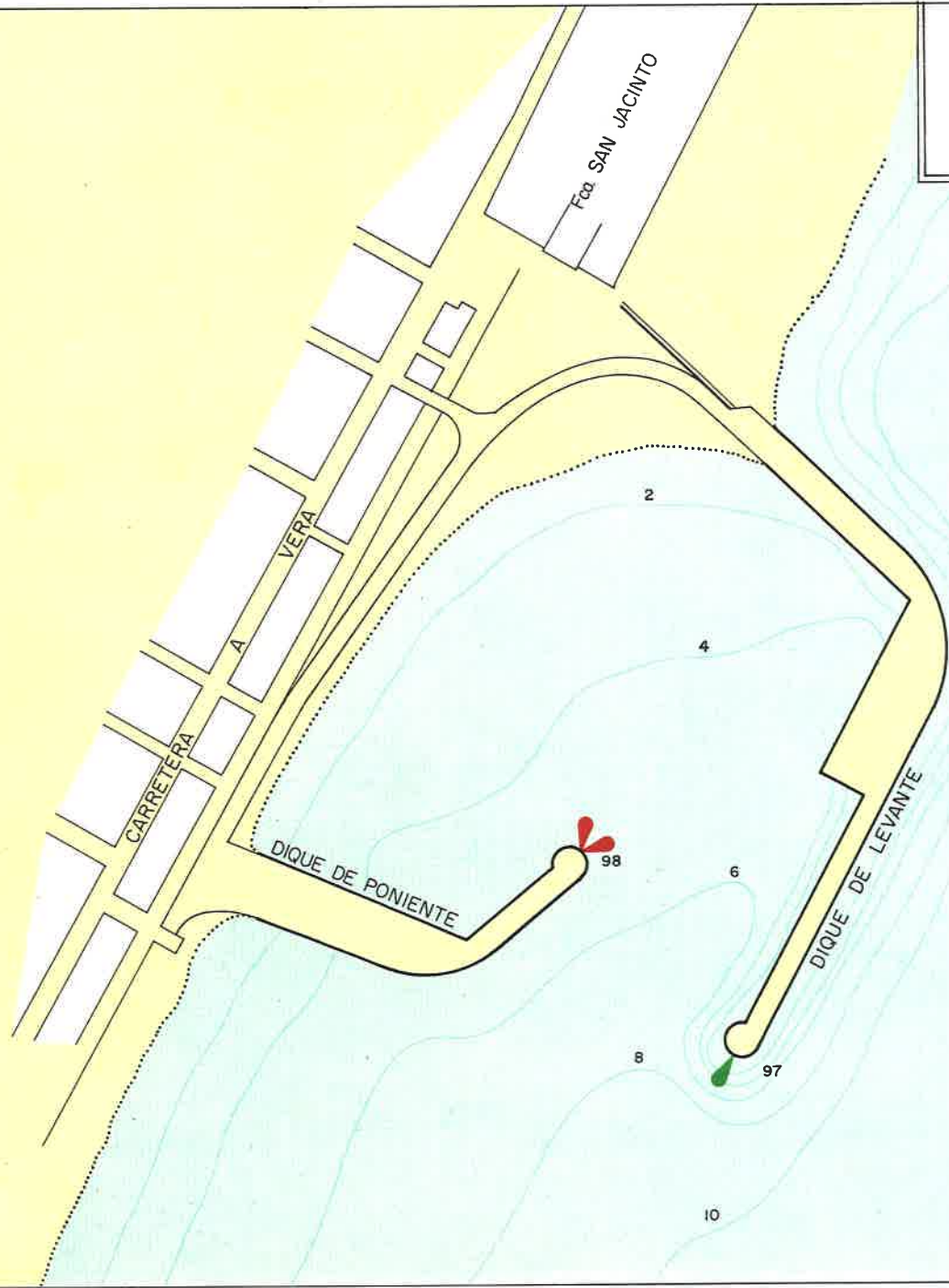
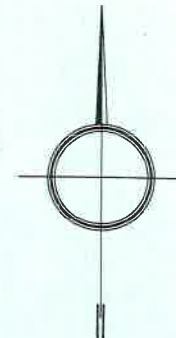
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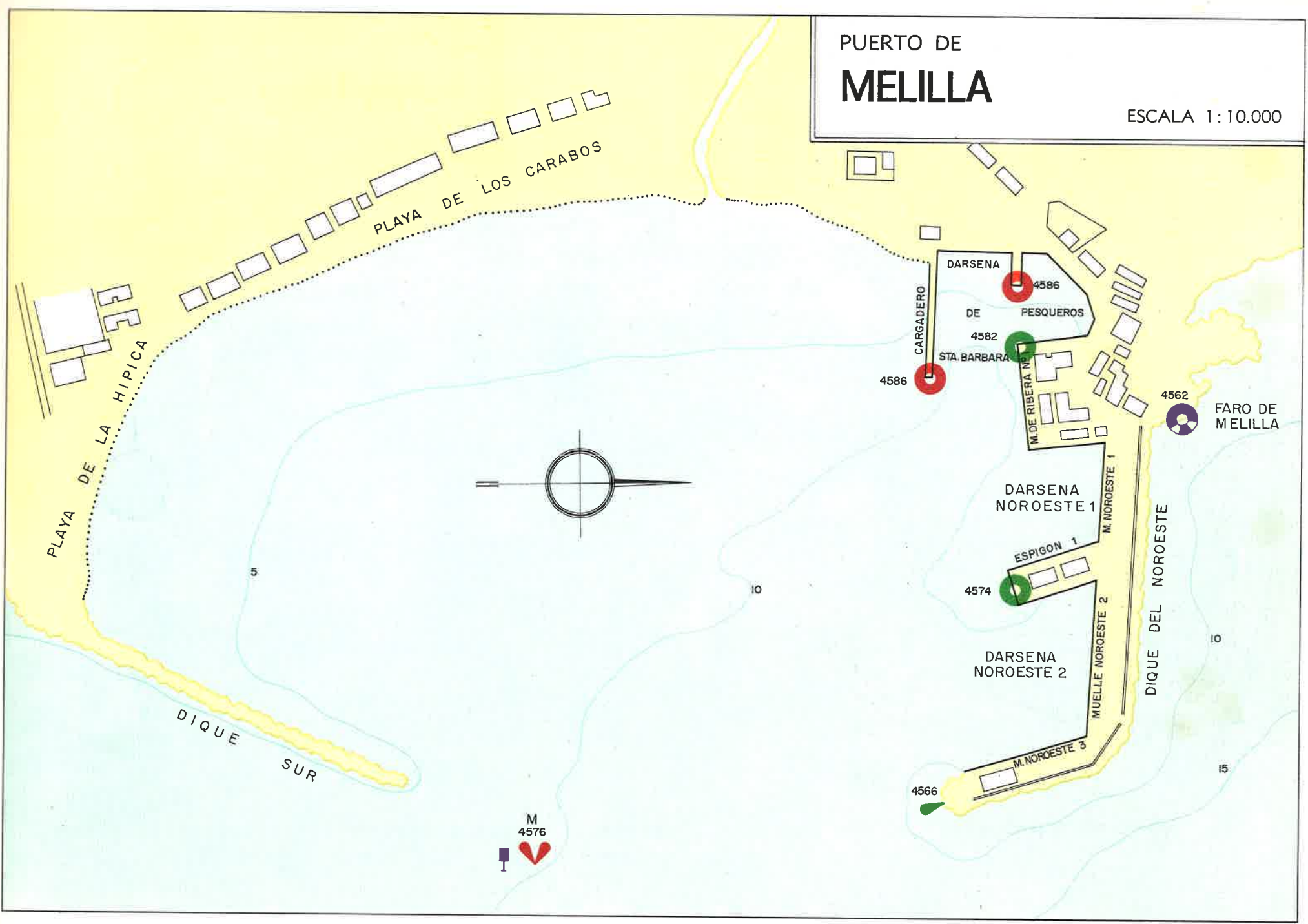
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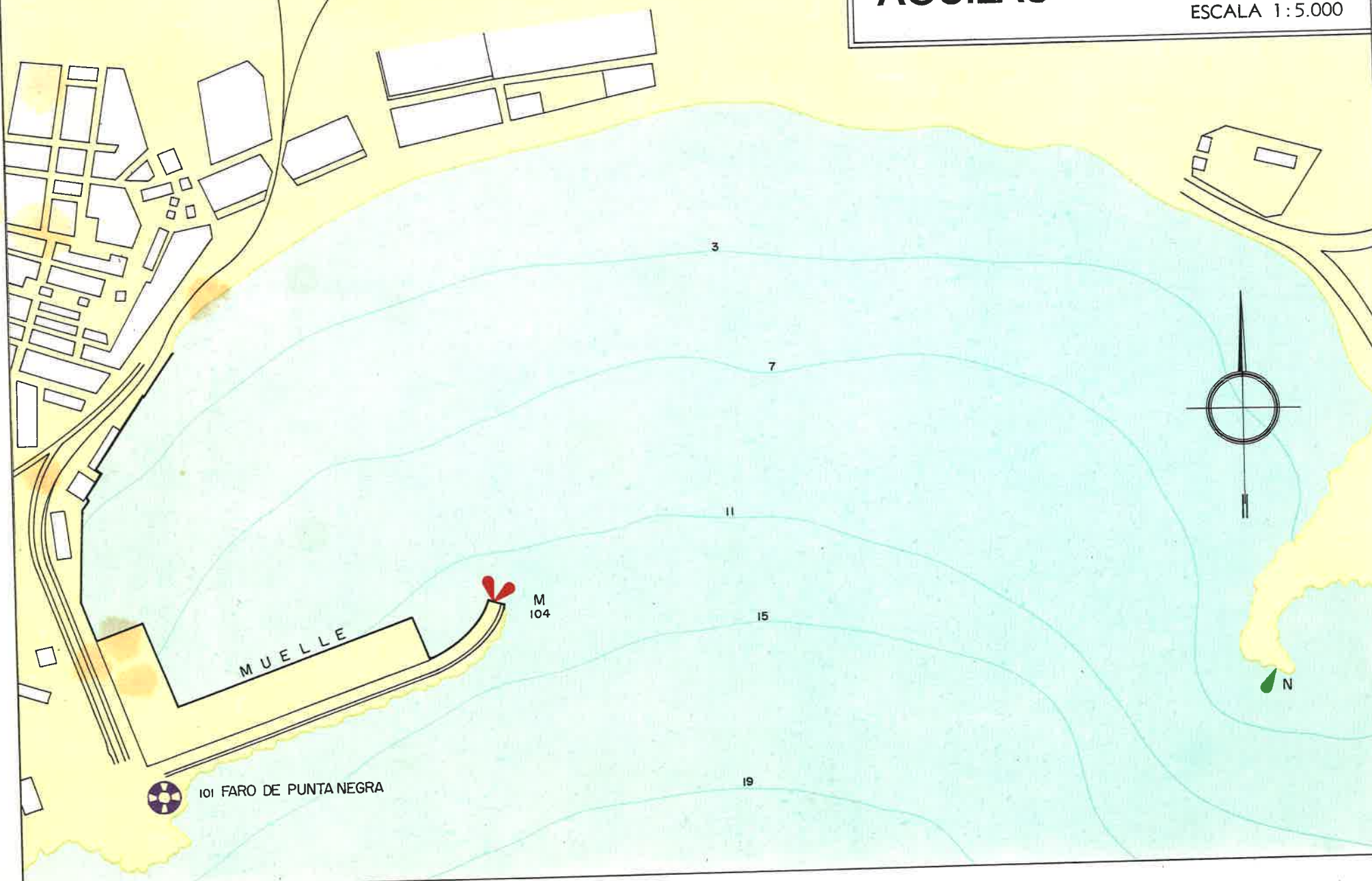
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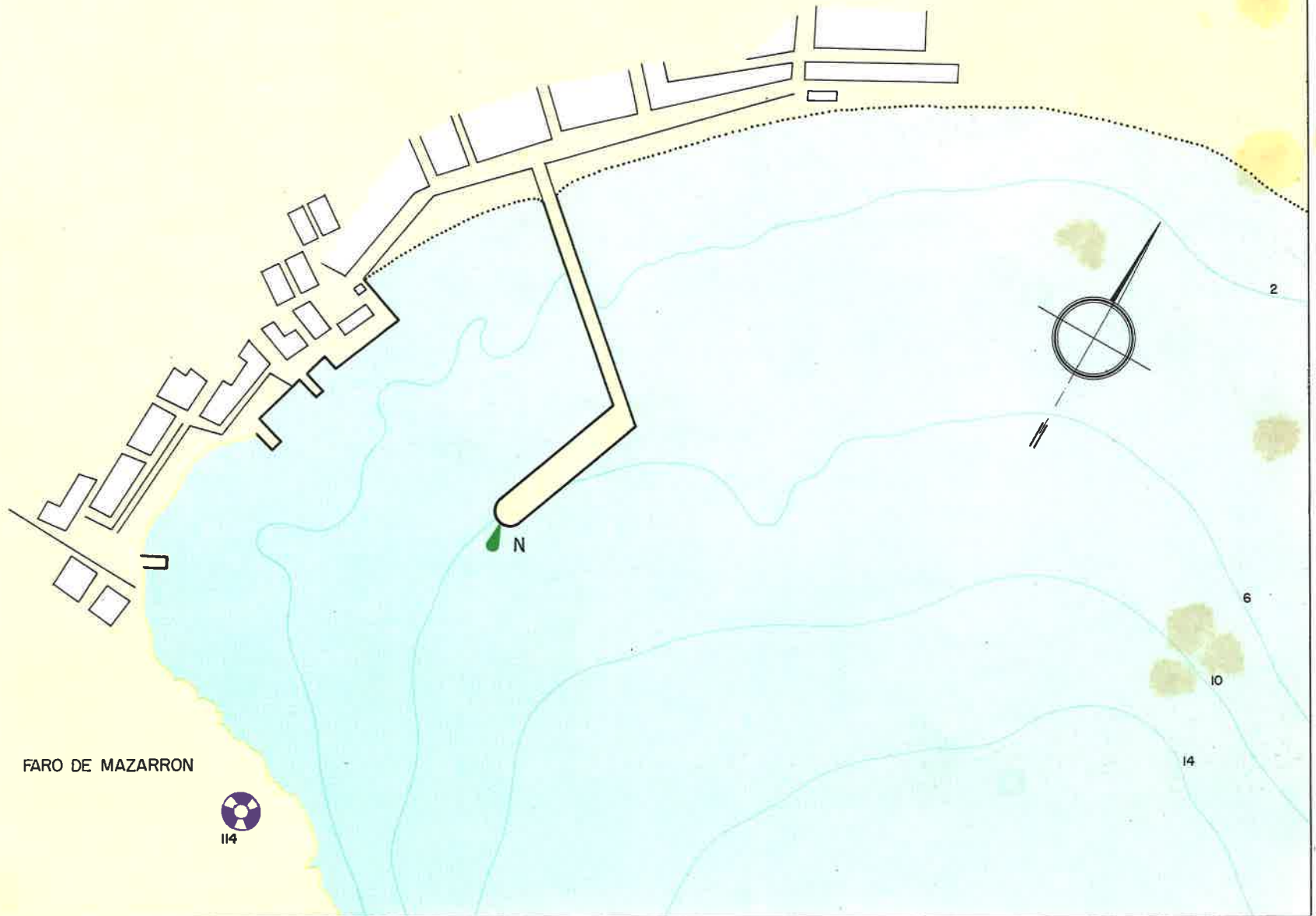
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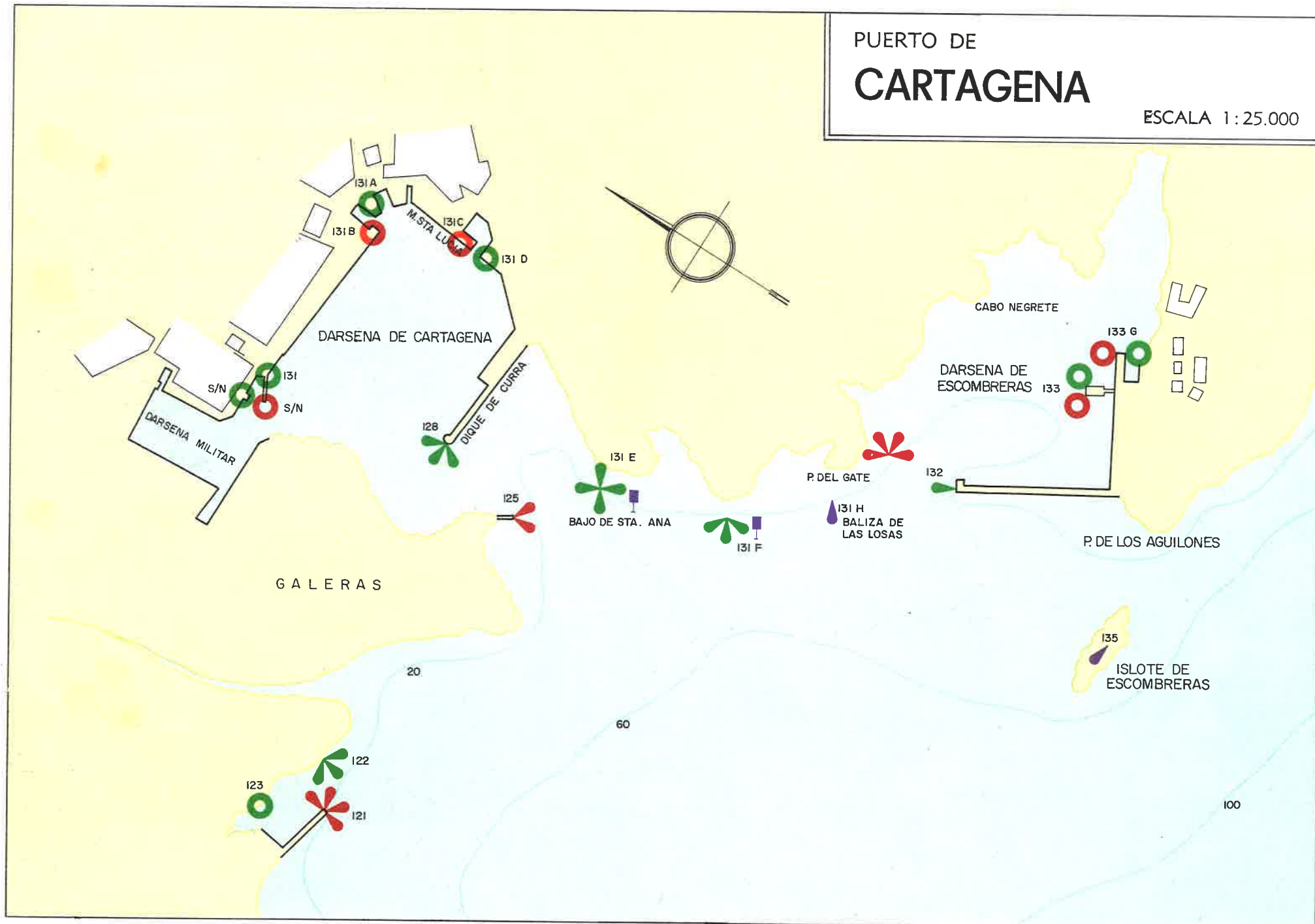


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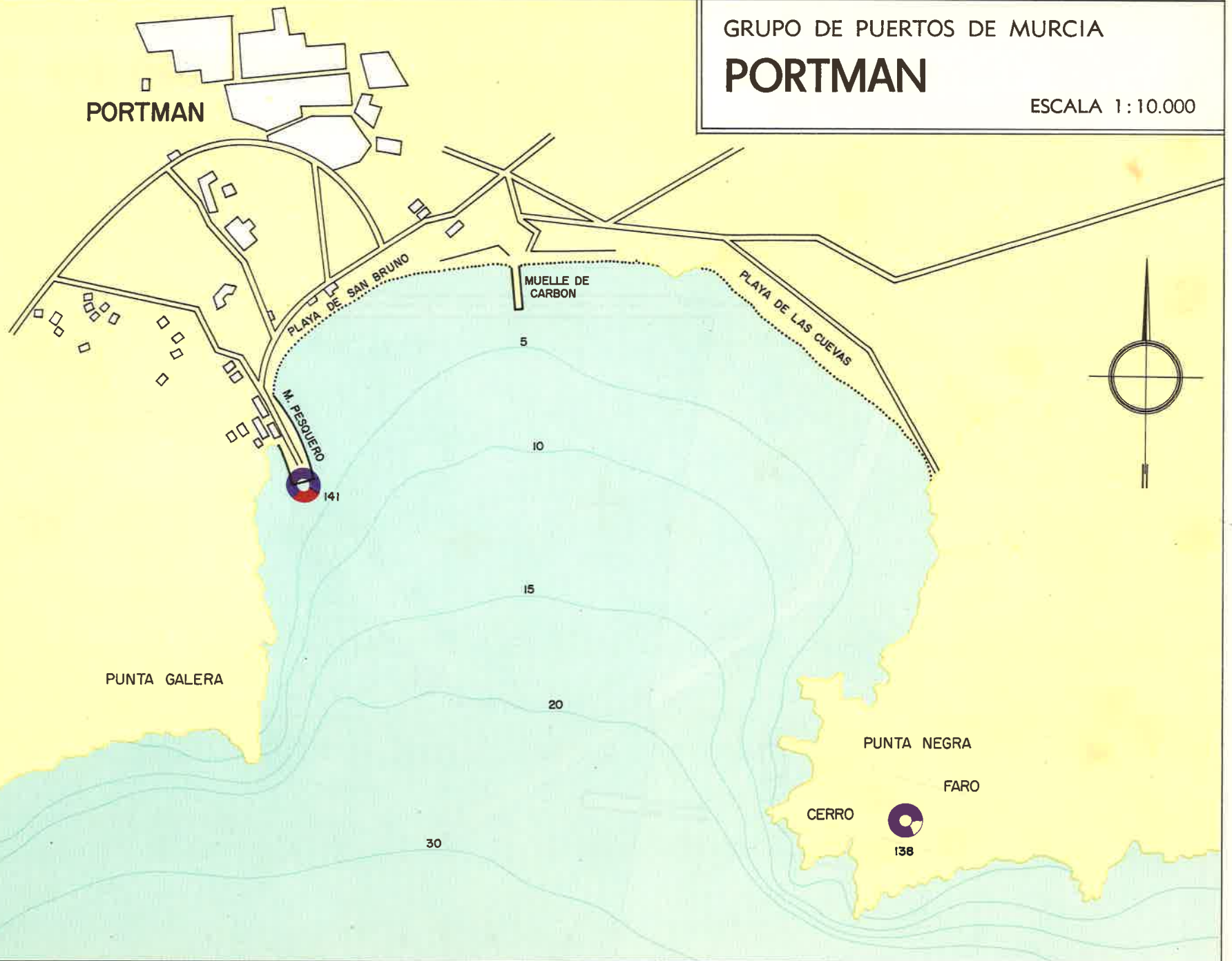


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PORTMAN



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138

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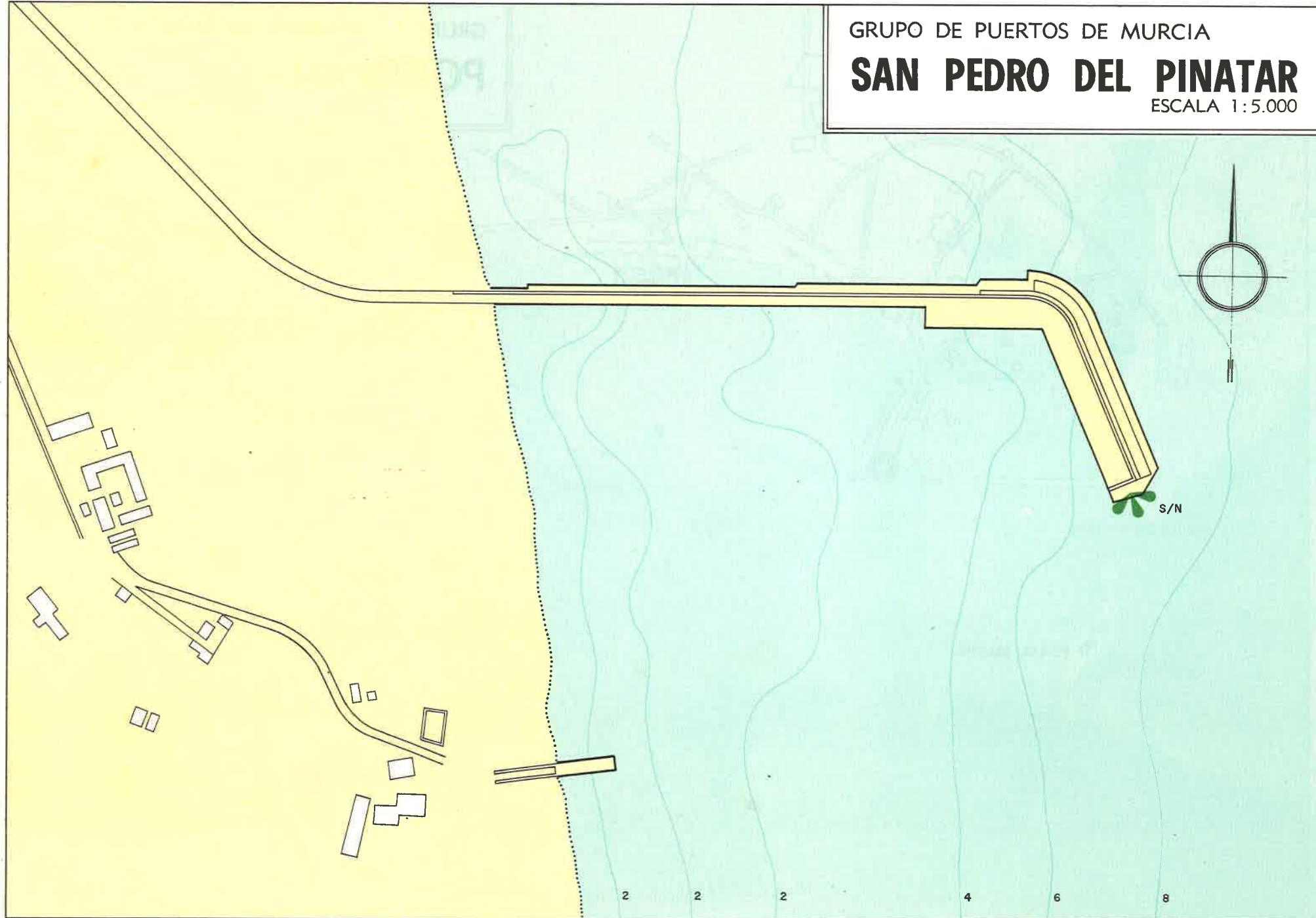
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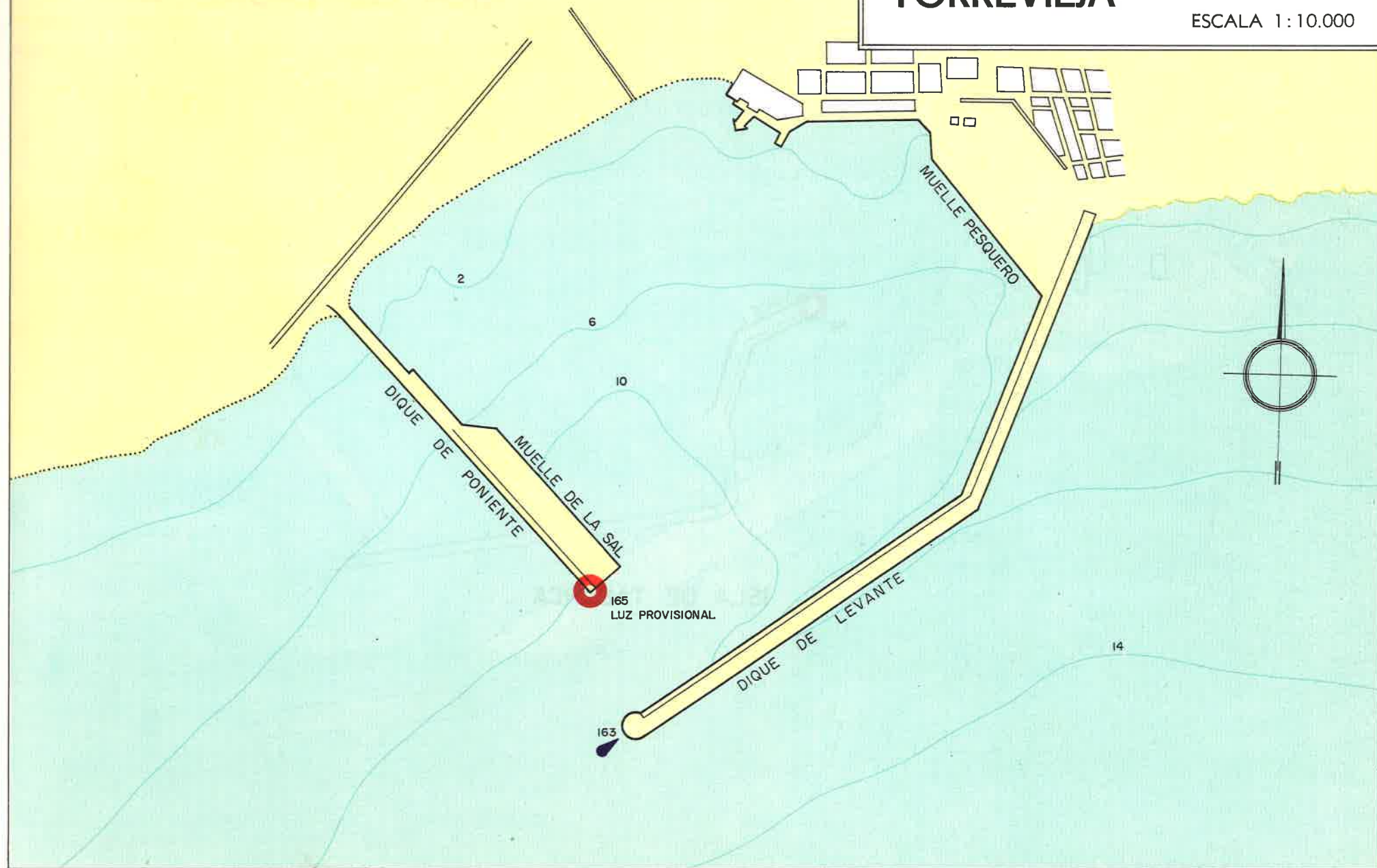
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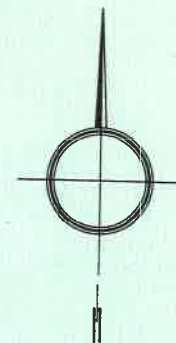
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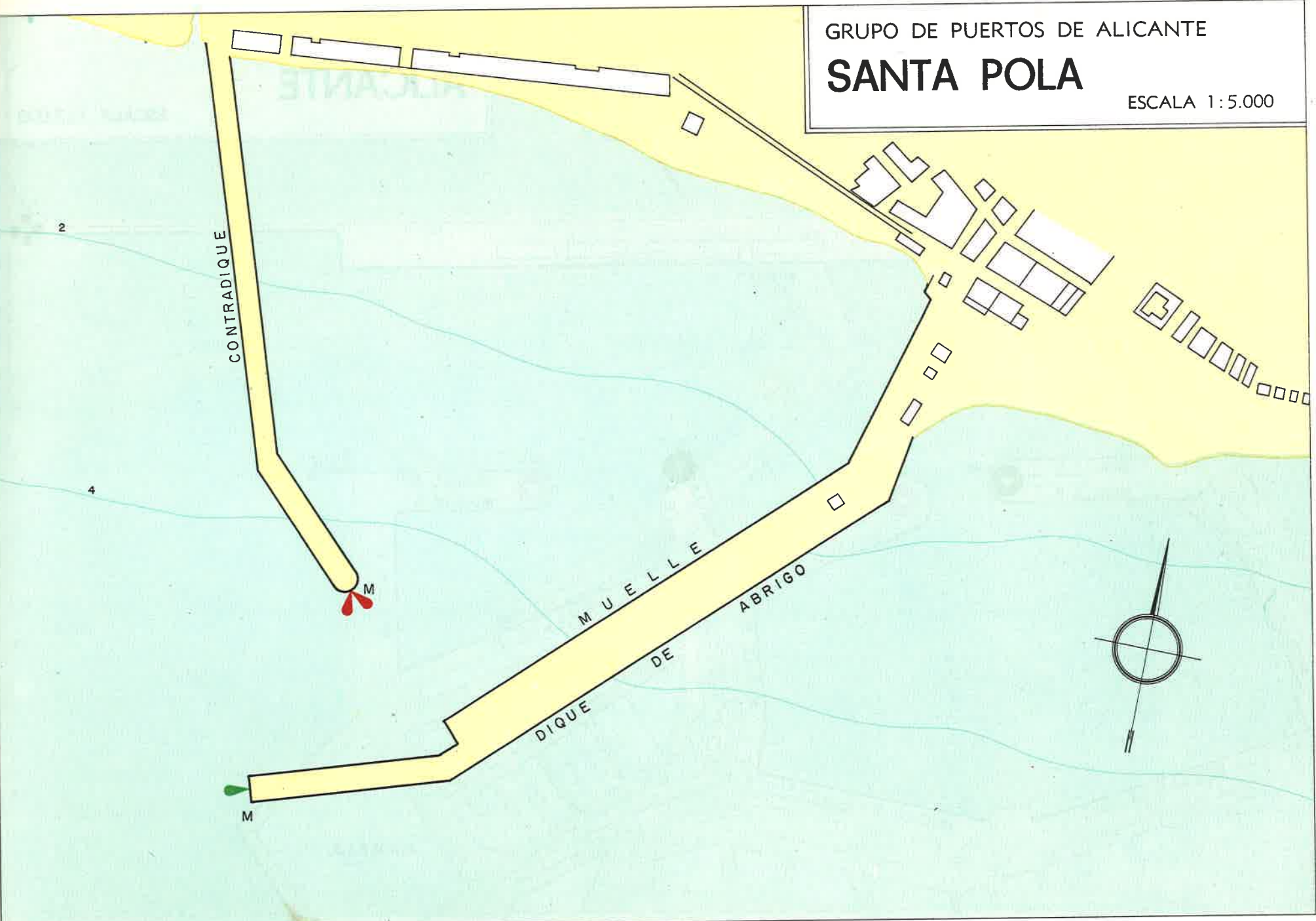
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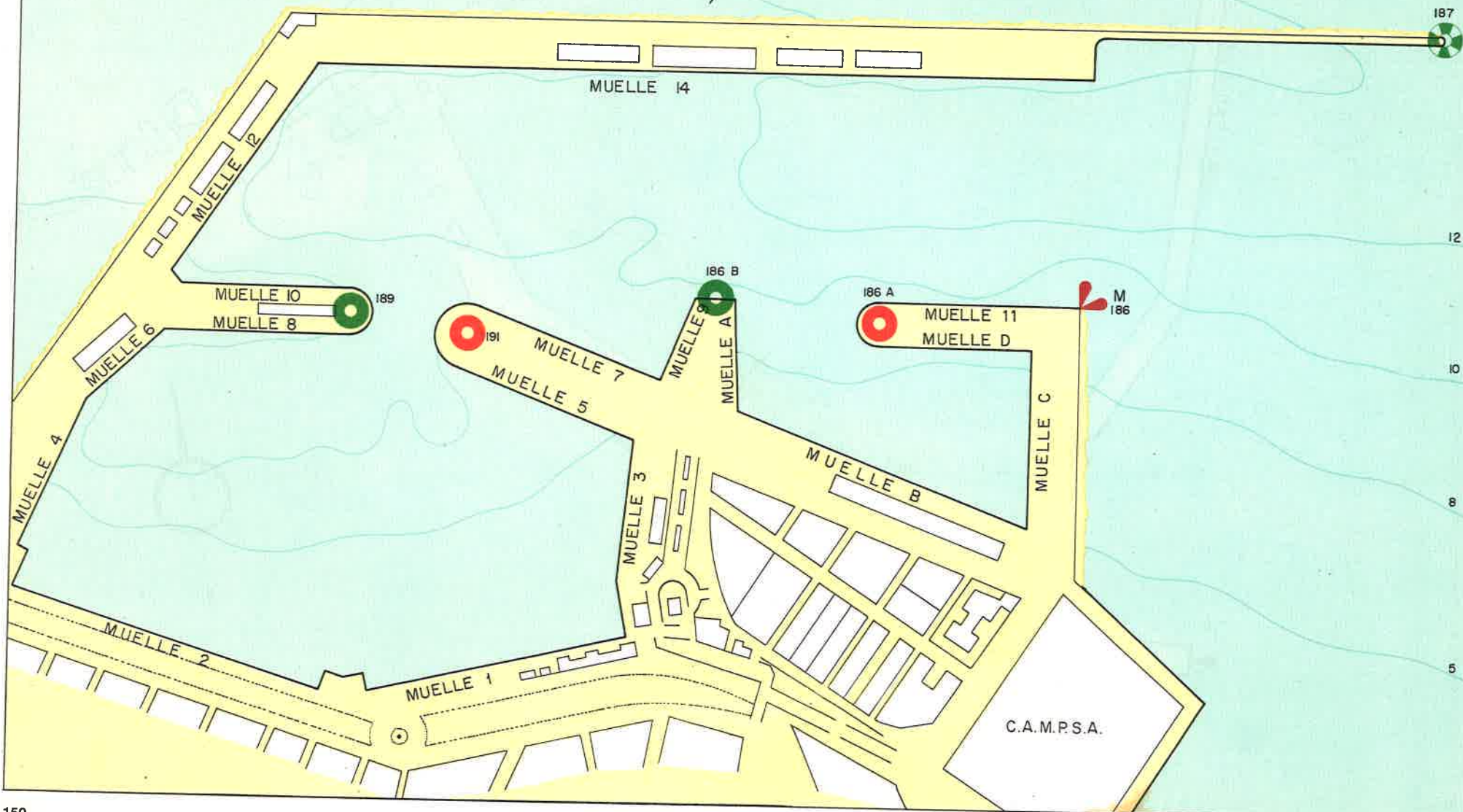
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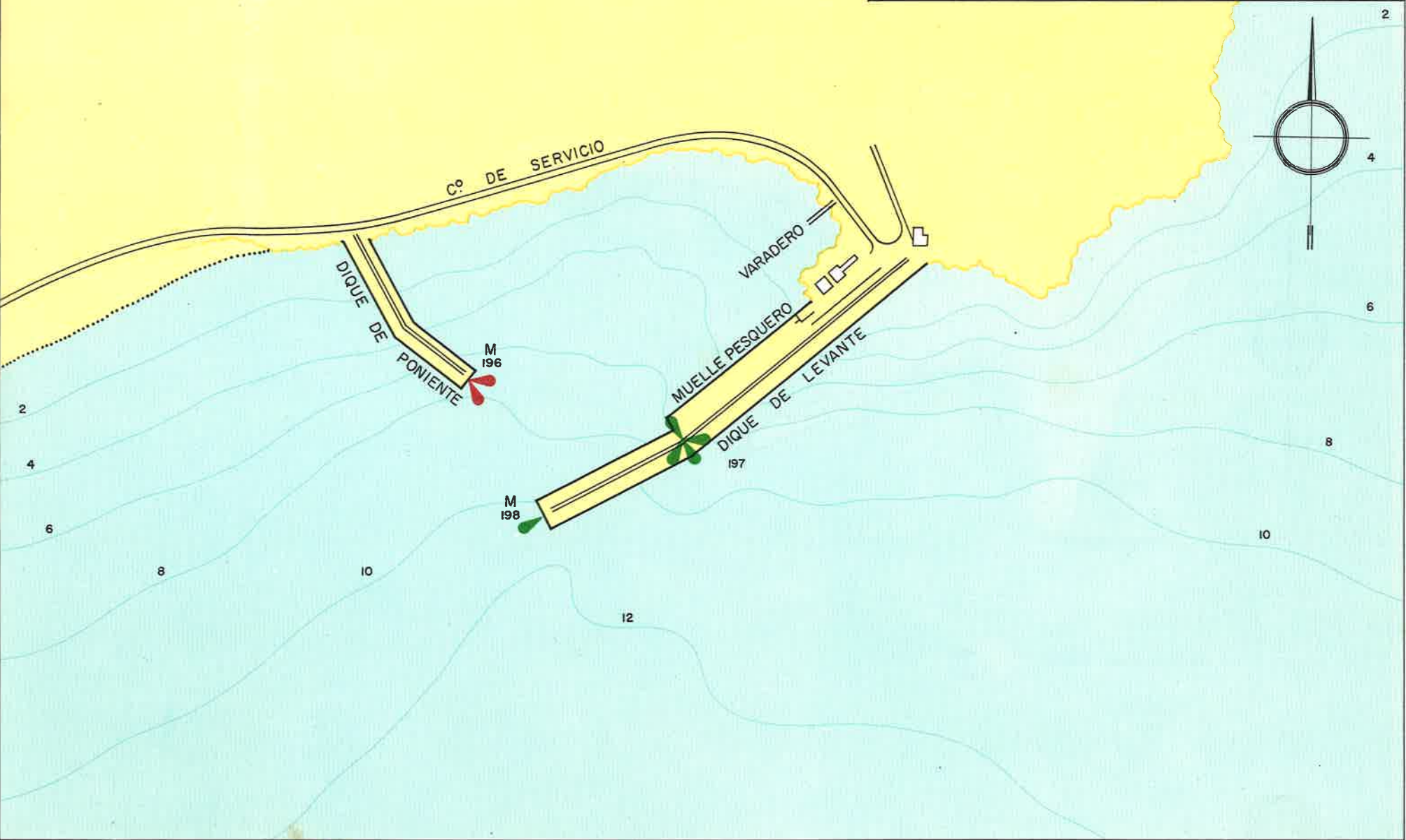
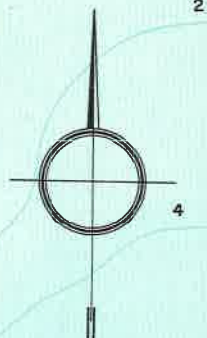


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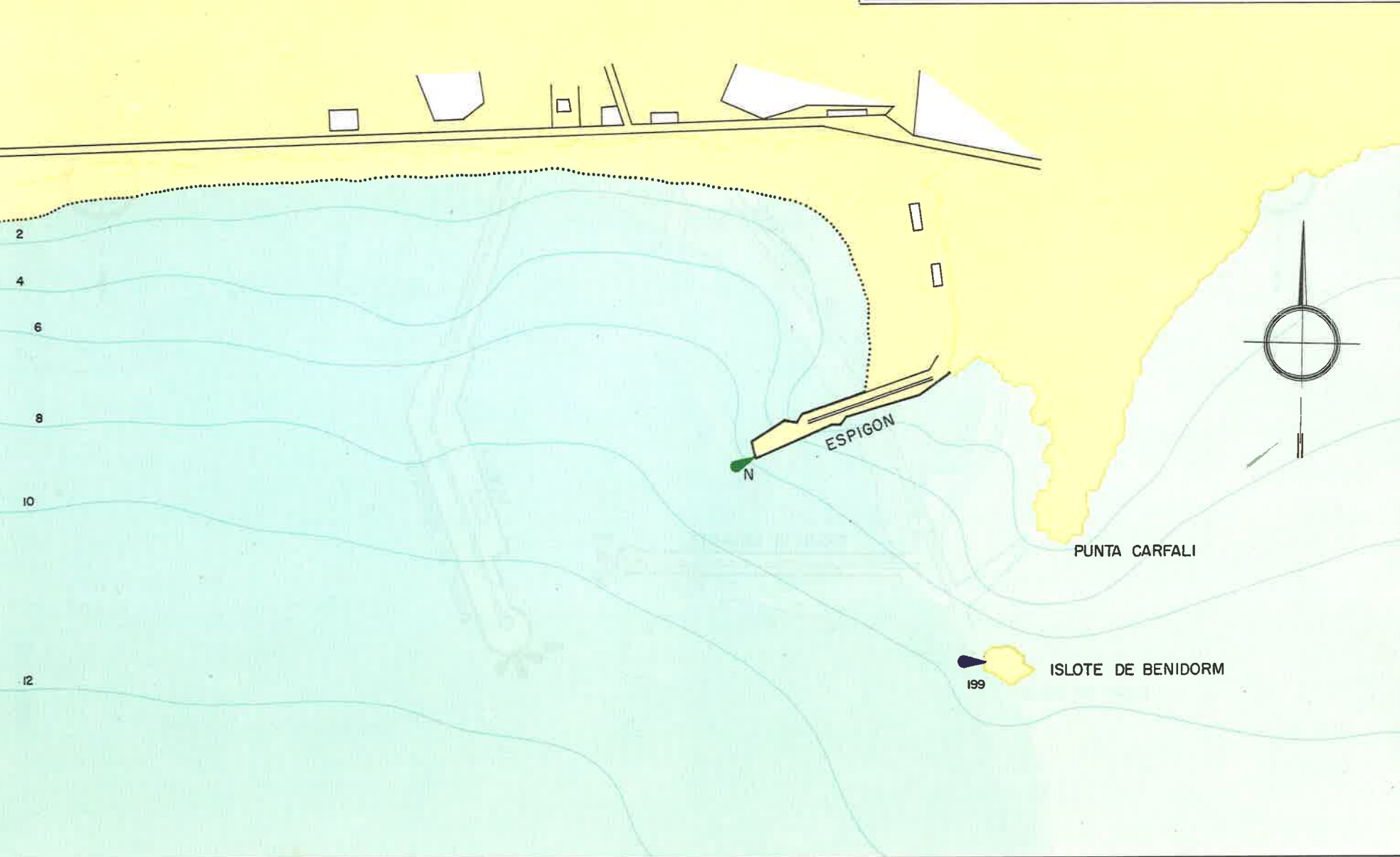
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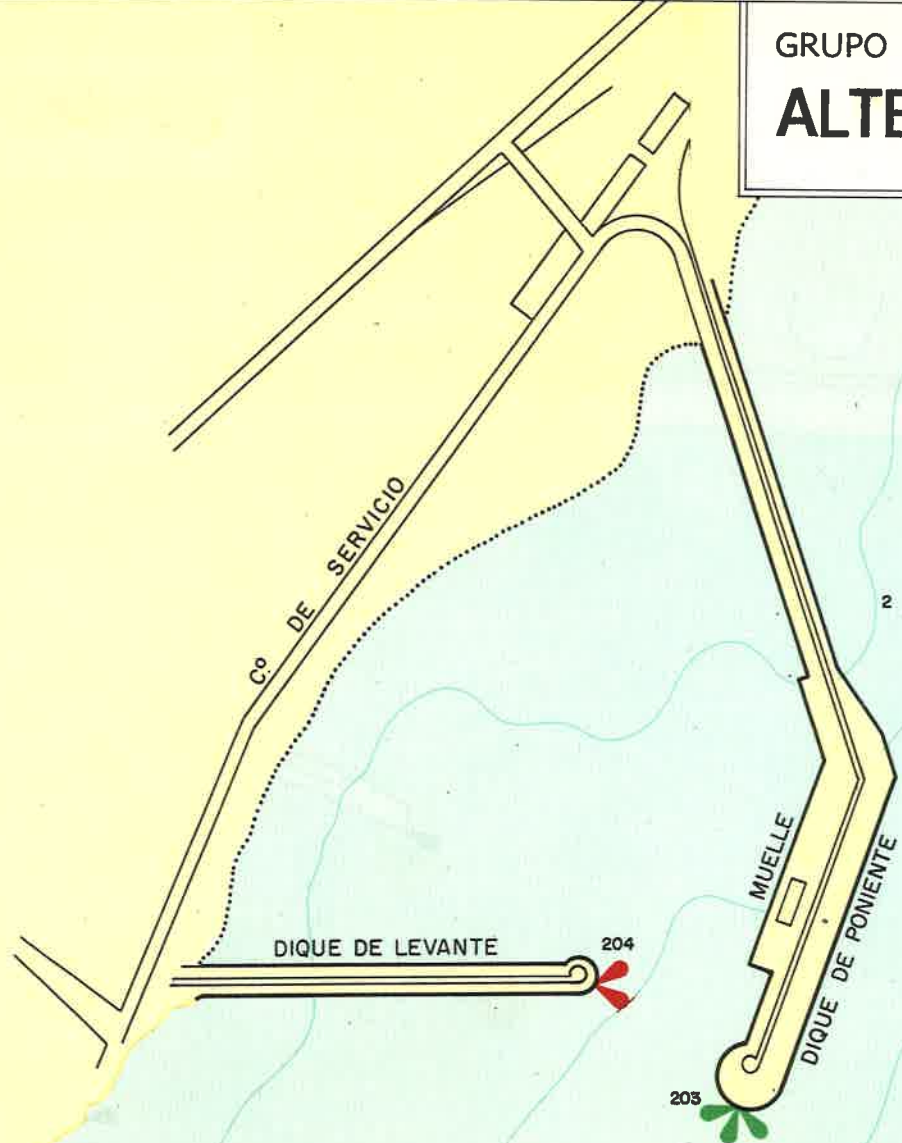


VILLAJYOYOSA



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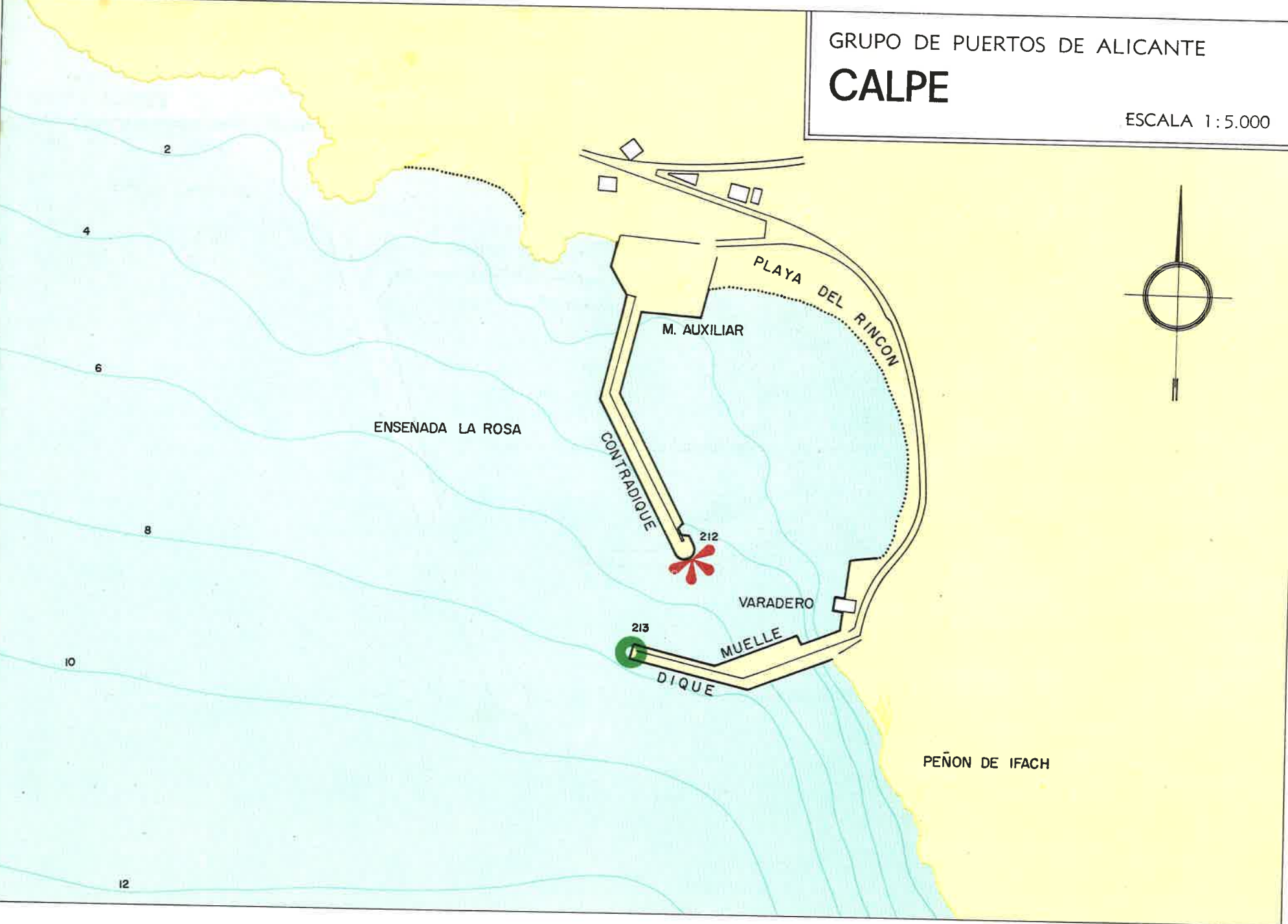




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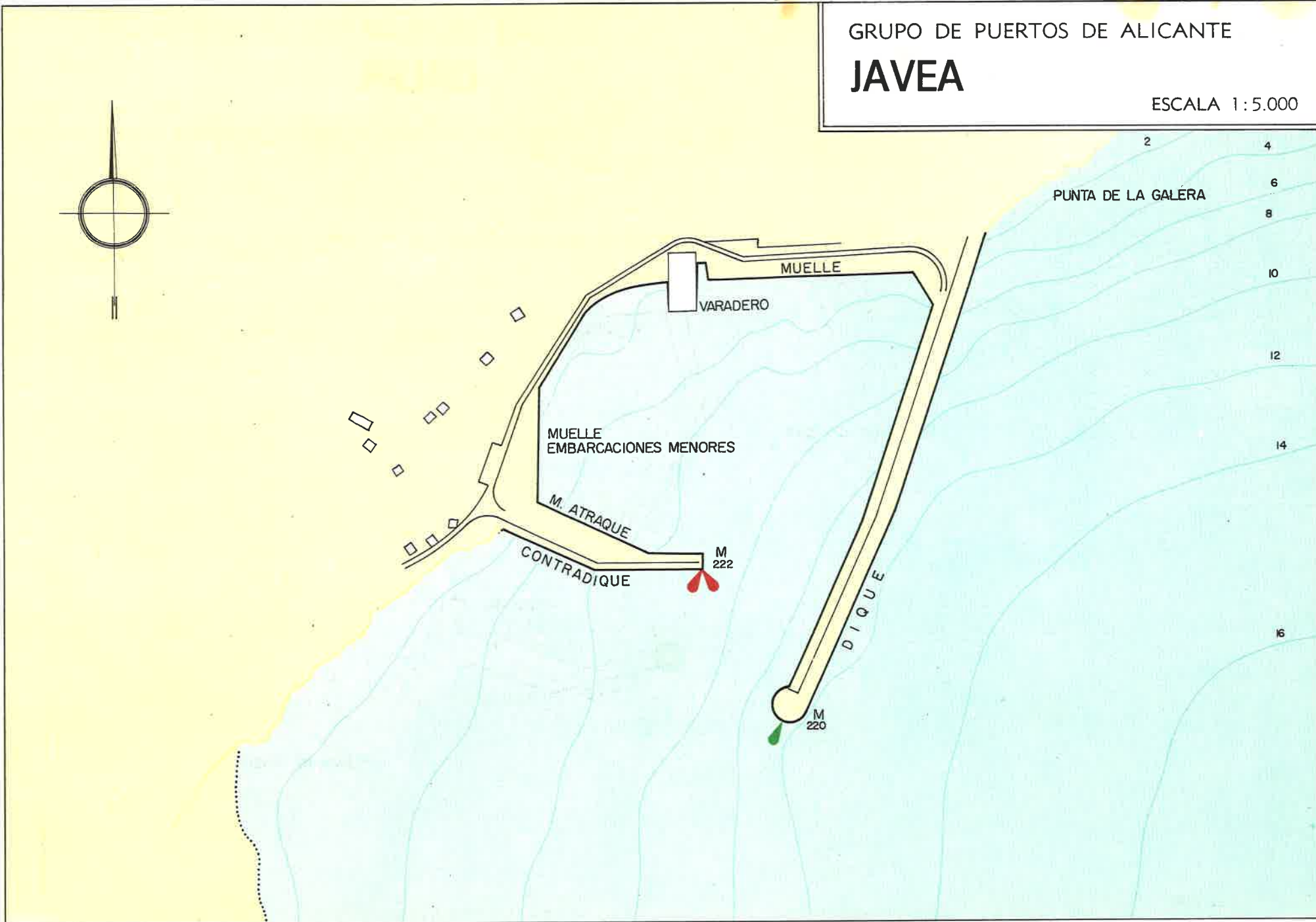
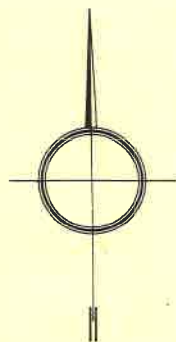
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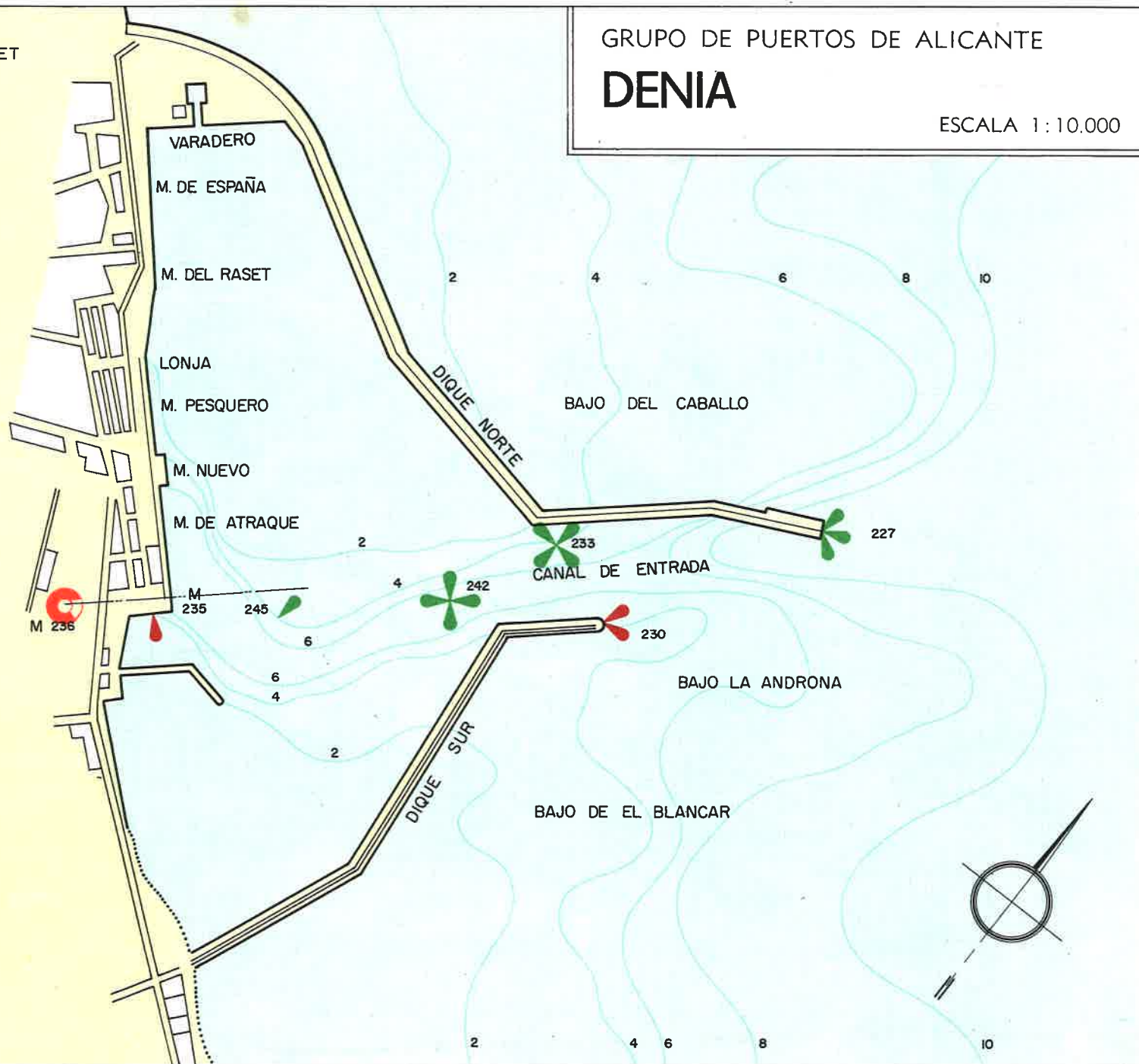


PUNTA DEL RASET

GRUPO DE PUERTOS DE ALICANTE

DENIA

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GRUPO DE PUERTOS DE VALENCIA

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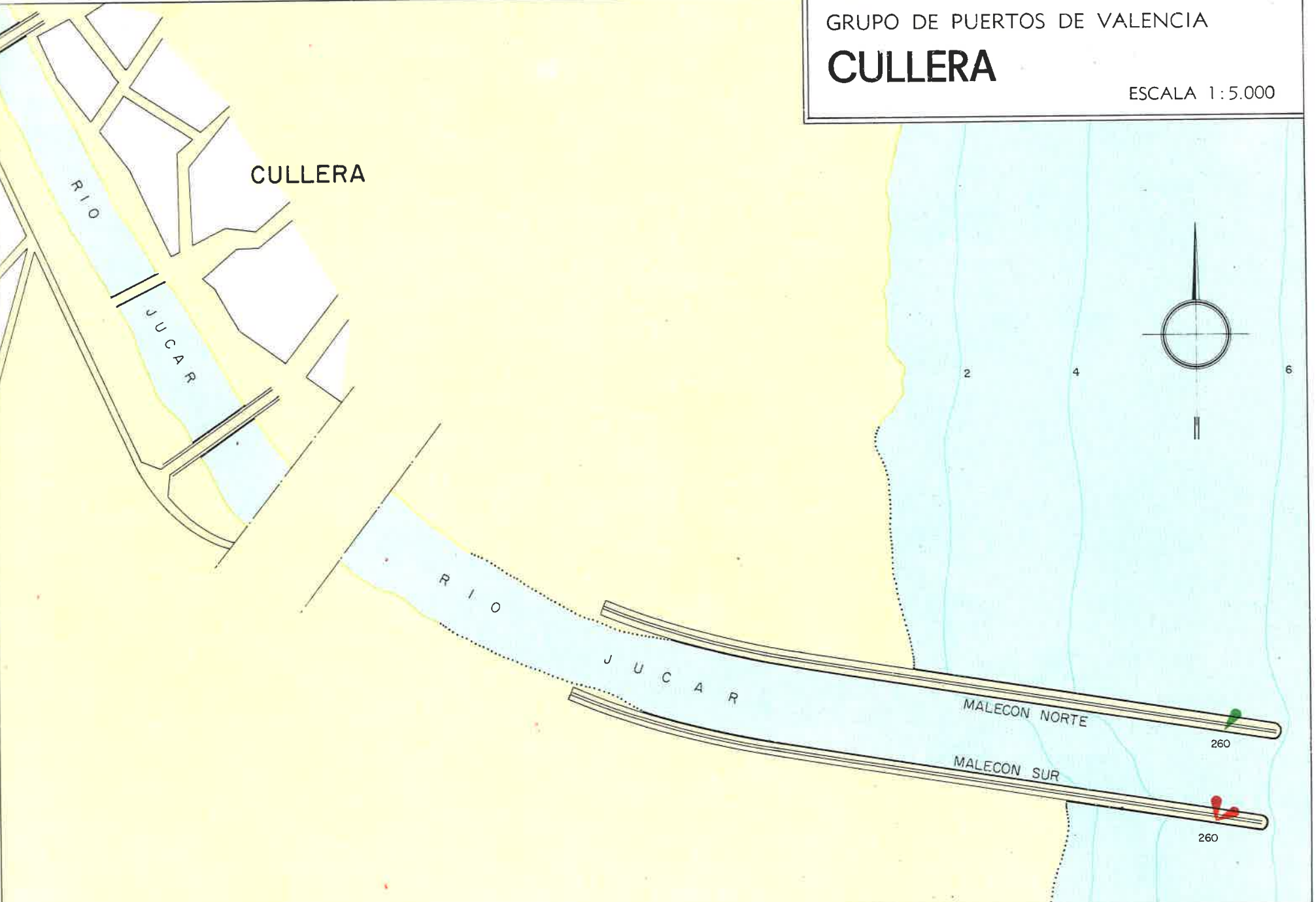
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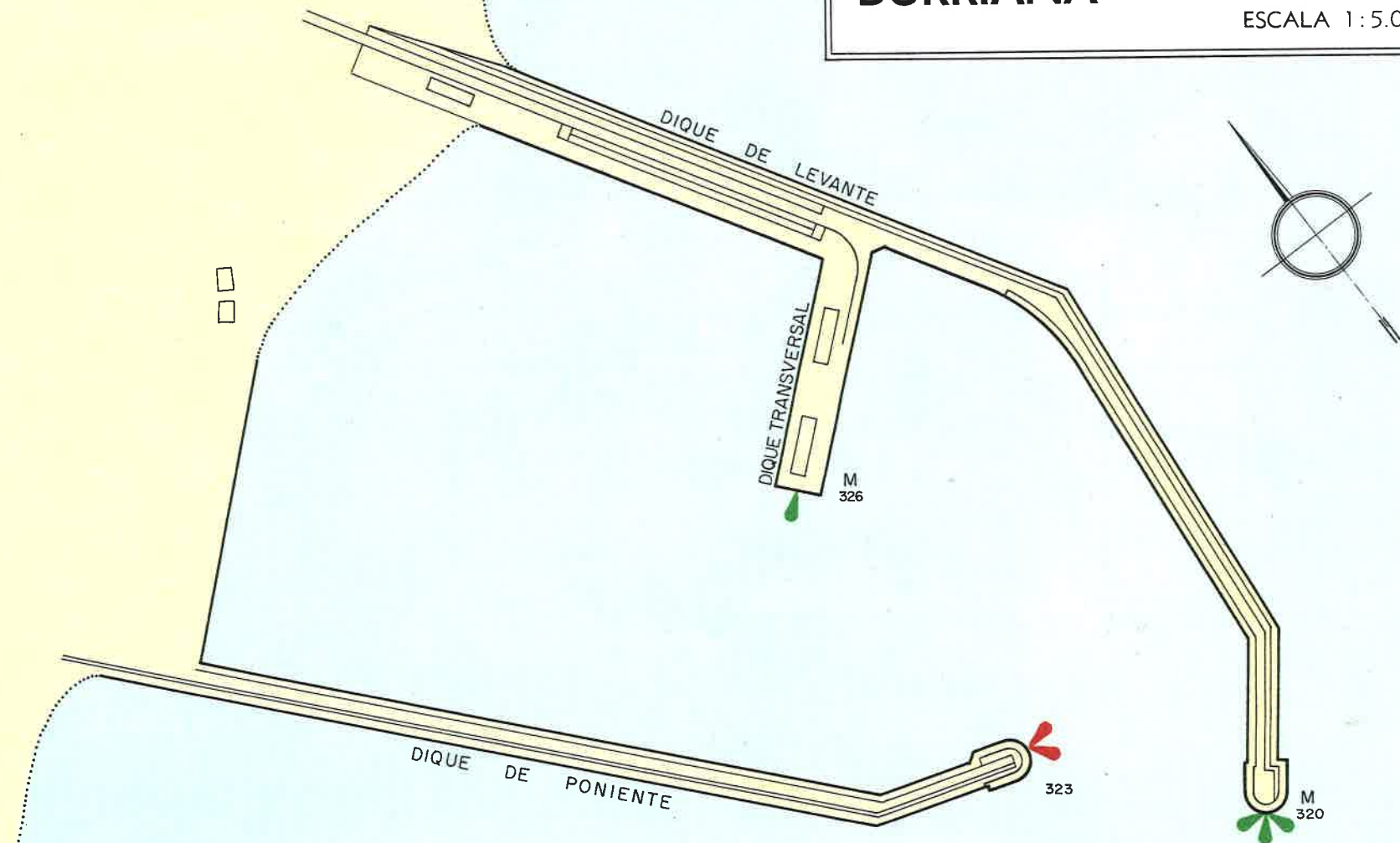
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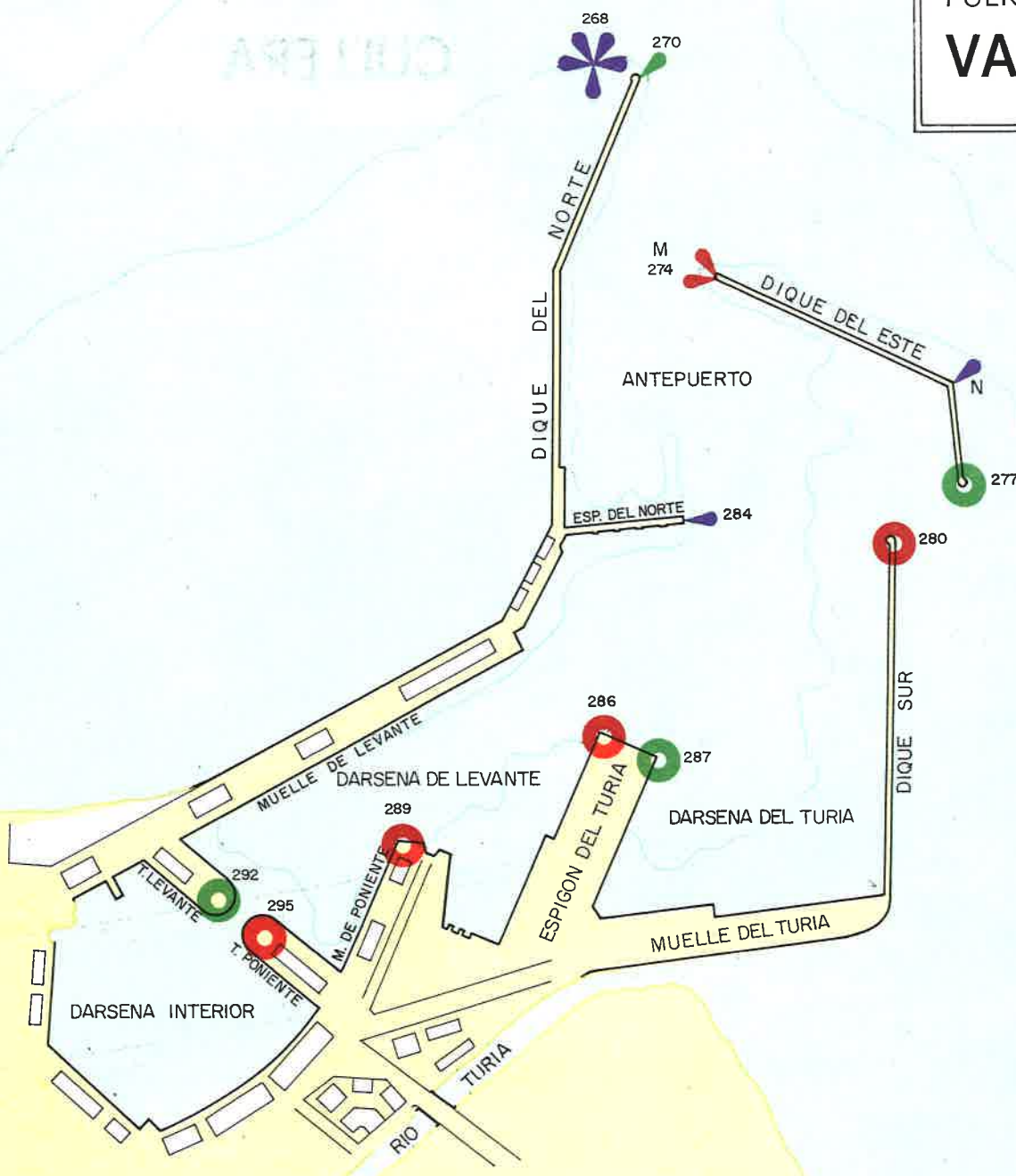
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PLANO Y SITUACION
CABO CANET



309

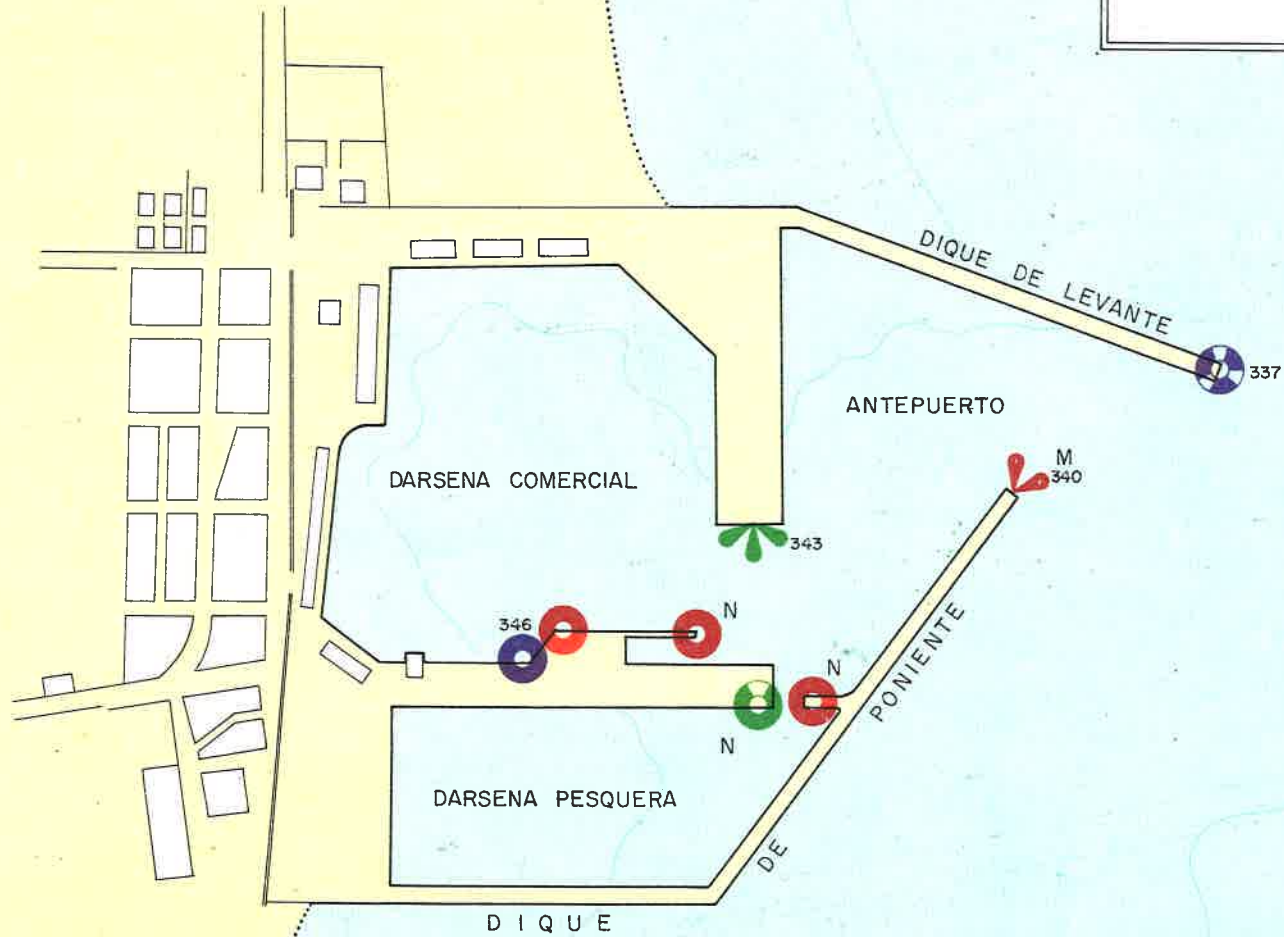
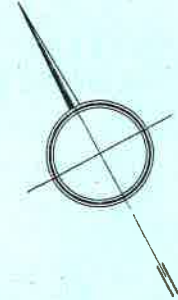


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PUERTO DE
CASTELLON

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PEÑISCOLA

PUNTA DEL HUERTO

CONTRADIQUE

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3

4

4



ESCOLLERA SUBMARINA

M 365

M. DE PESCADORES

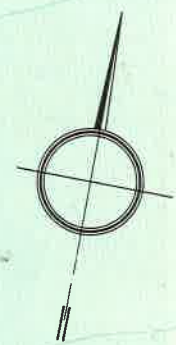
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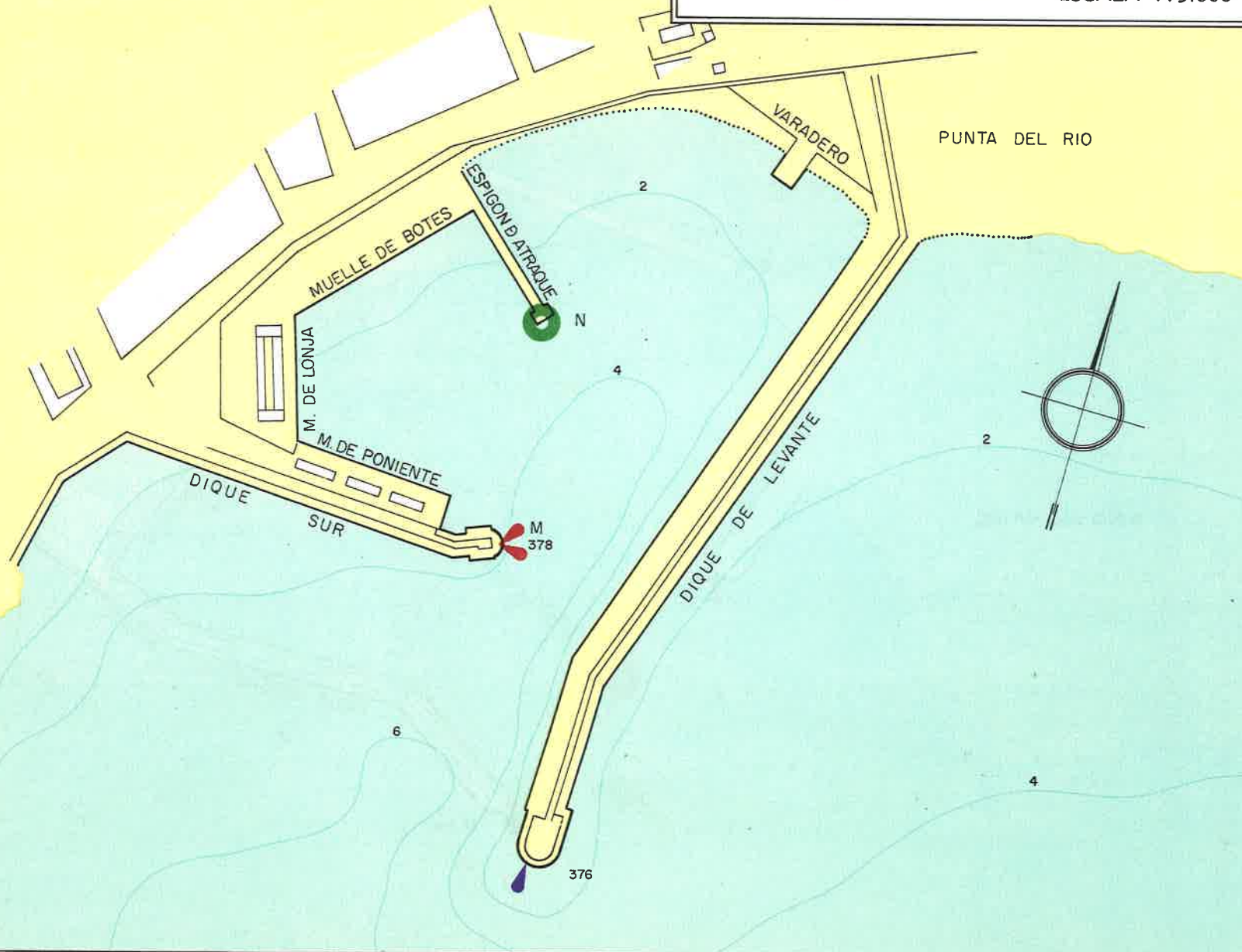
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FARO DE PEÑISCOLA

PUNTA DEL BUFADOR



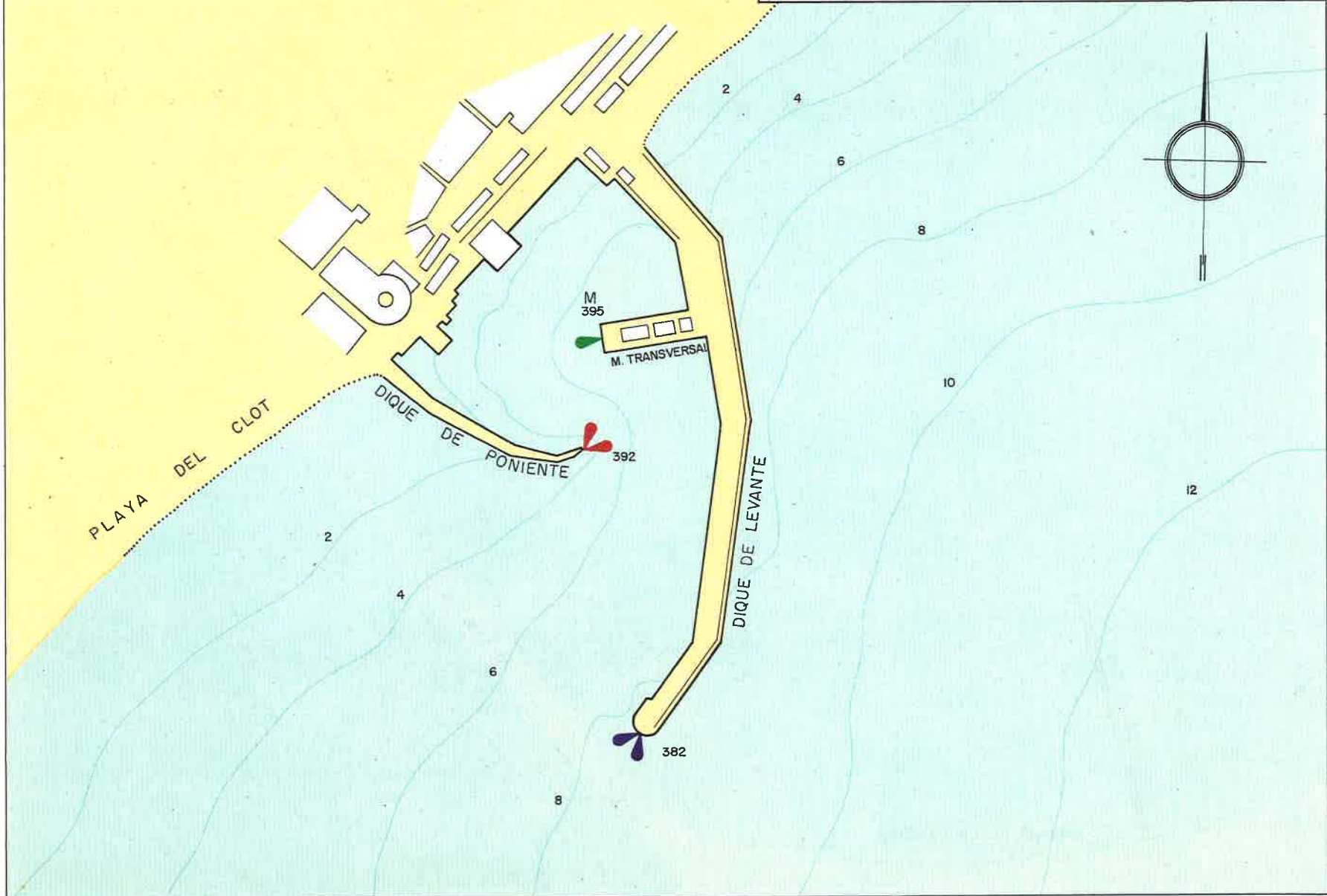
BENICARLO



GRUPO DE PUERTOS DE CASTELLON

VINAROSZ

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GRUPO DE PUERTOS DE BARCELONA - TARRAGONA

Los Alfaques (San Carlos de la Rápita)

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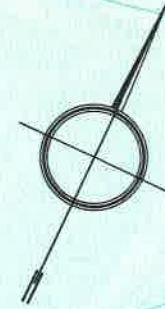
CANAL DE LA PANCHA

TORRE DE S. JUAN

CANAL DE LA ENCAÑIZADA

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6



TRABUCADOR

DEL

PLAYA

DE LOS CRESPELLOS

MUELLE DE HIERRO

SALINAS DE LA TRINIDAD

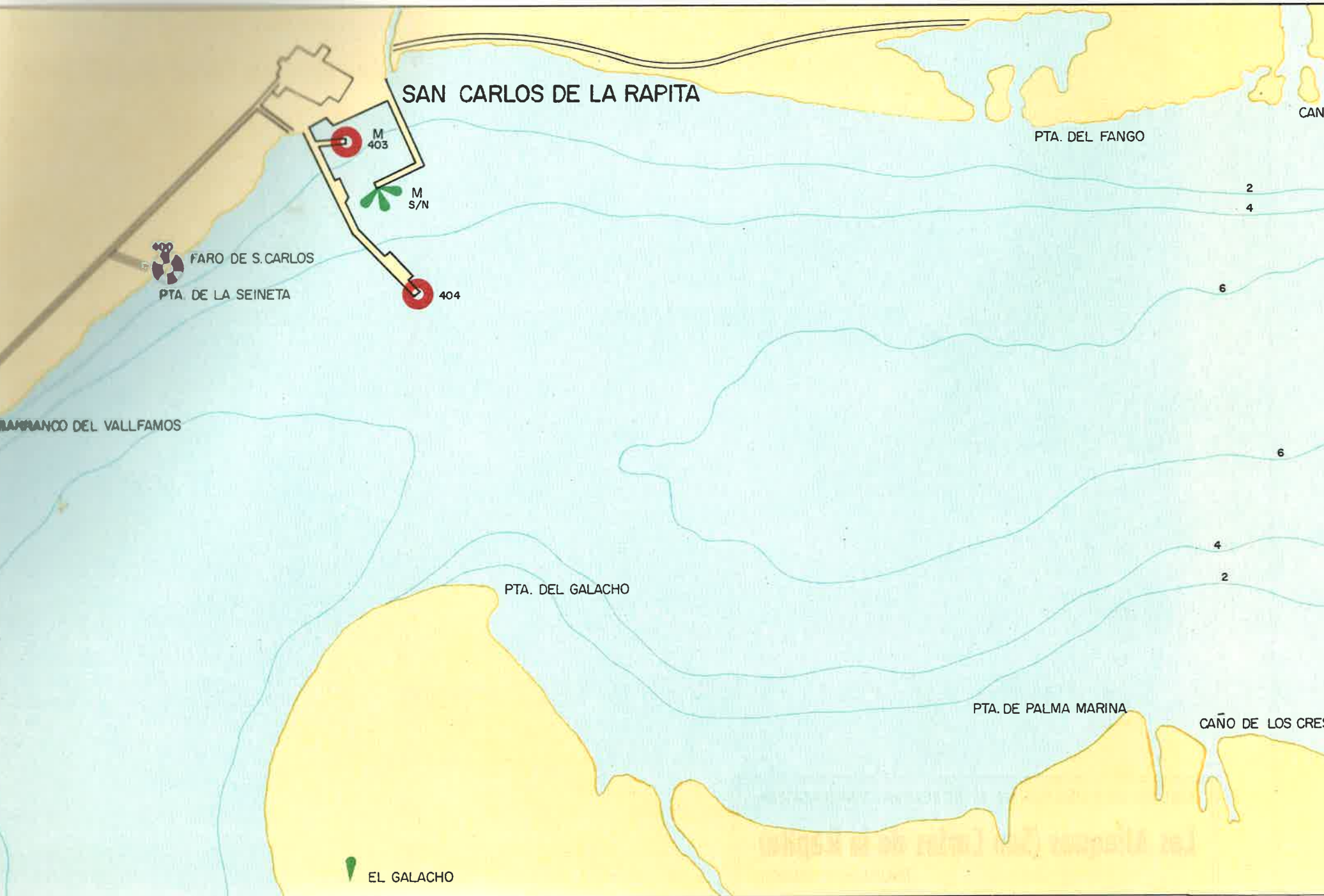
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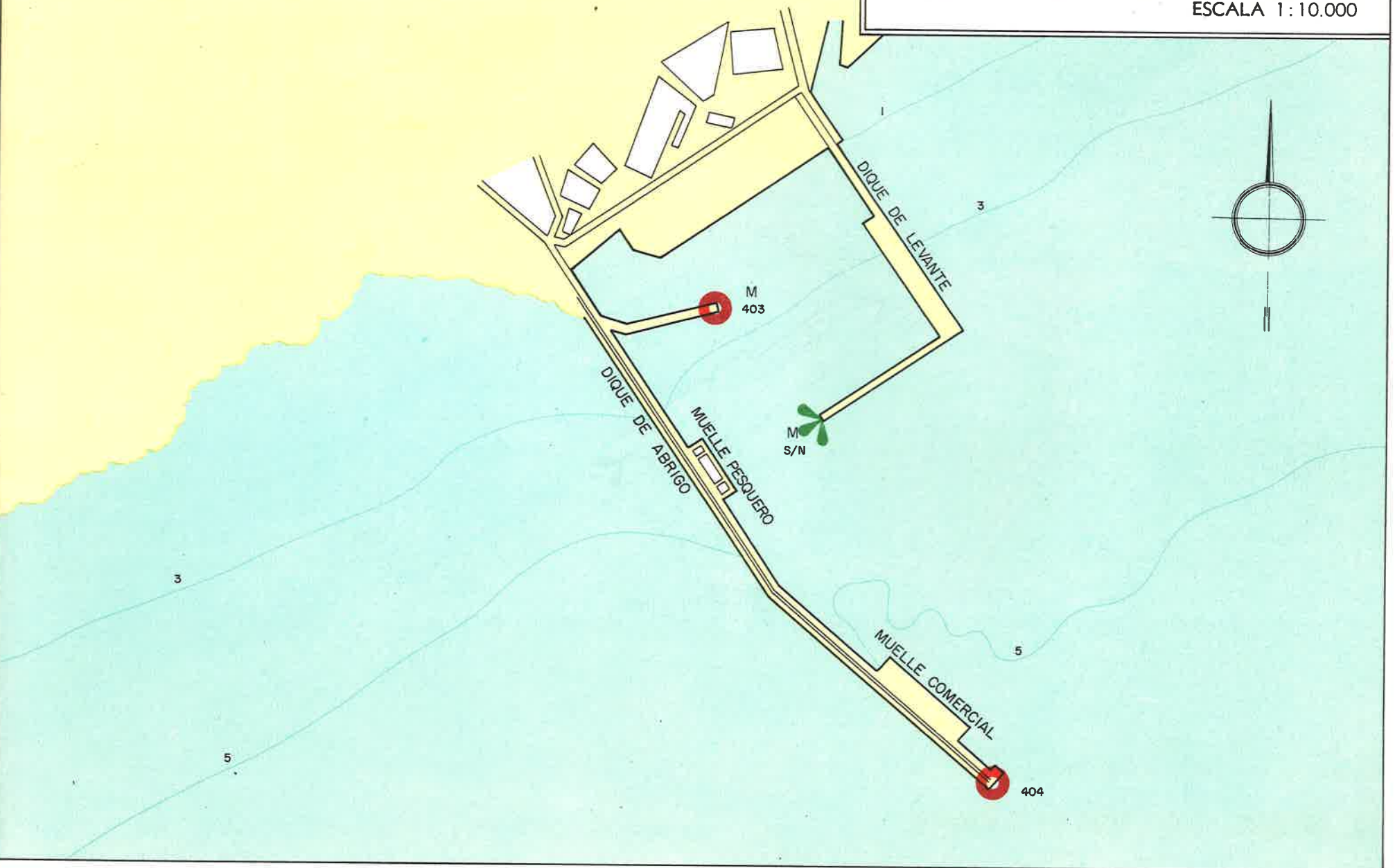
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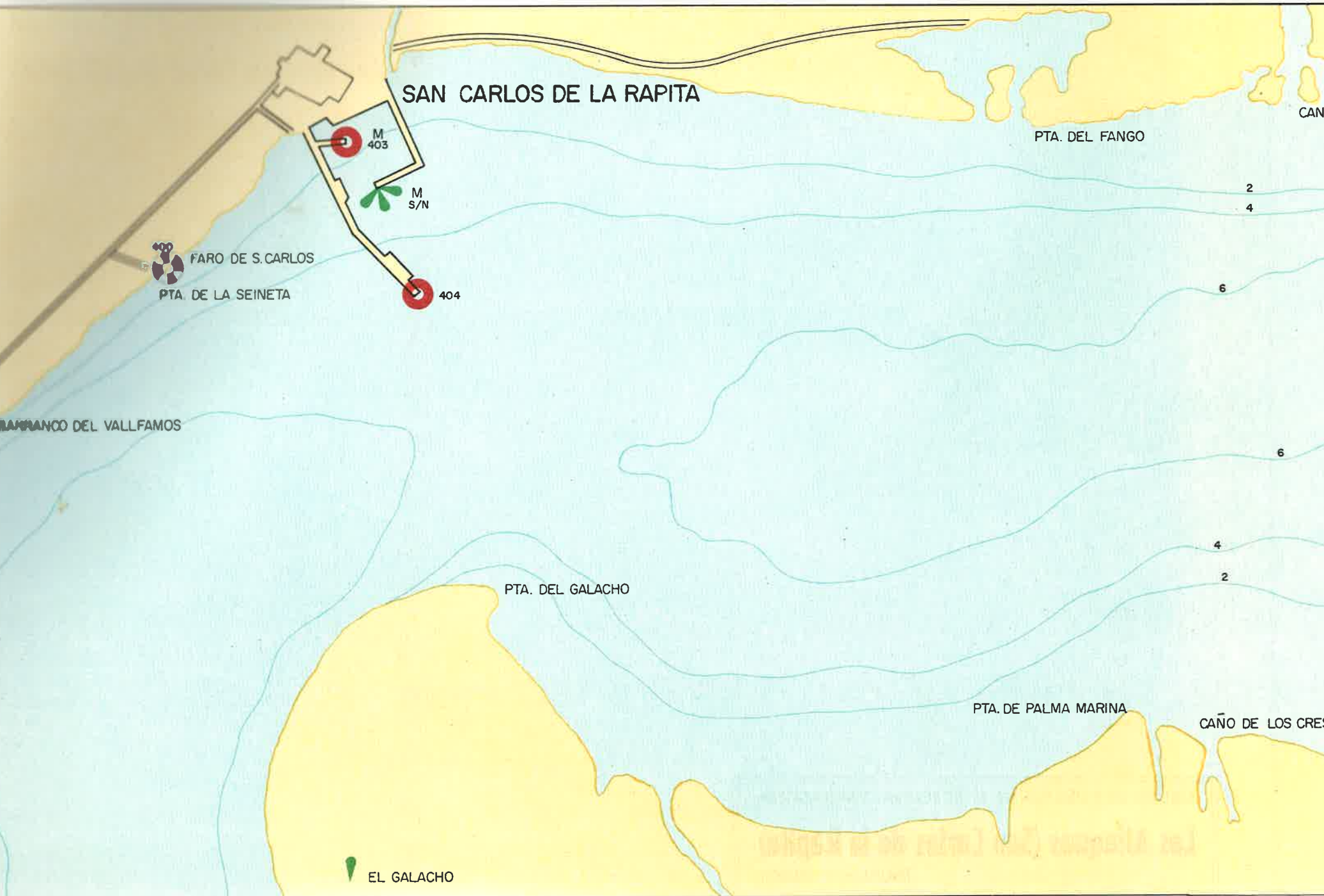


GRUPO DE PUERTOS DE BARCELONA - TARRAGONA

SAN CARLOS DE LA RAPITA

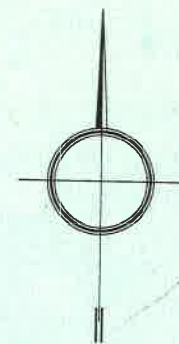
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AMPOSTA

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E B R O

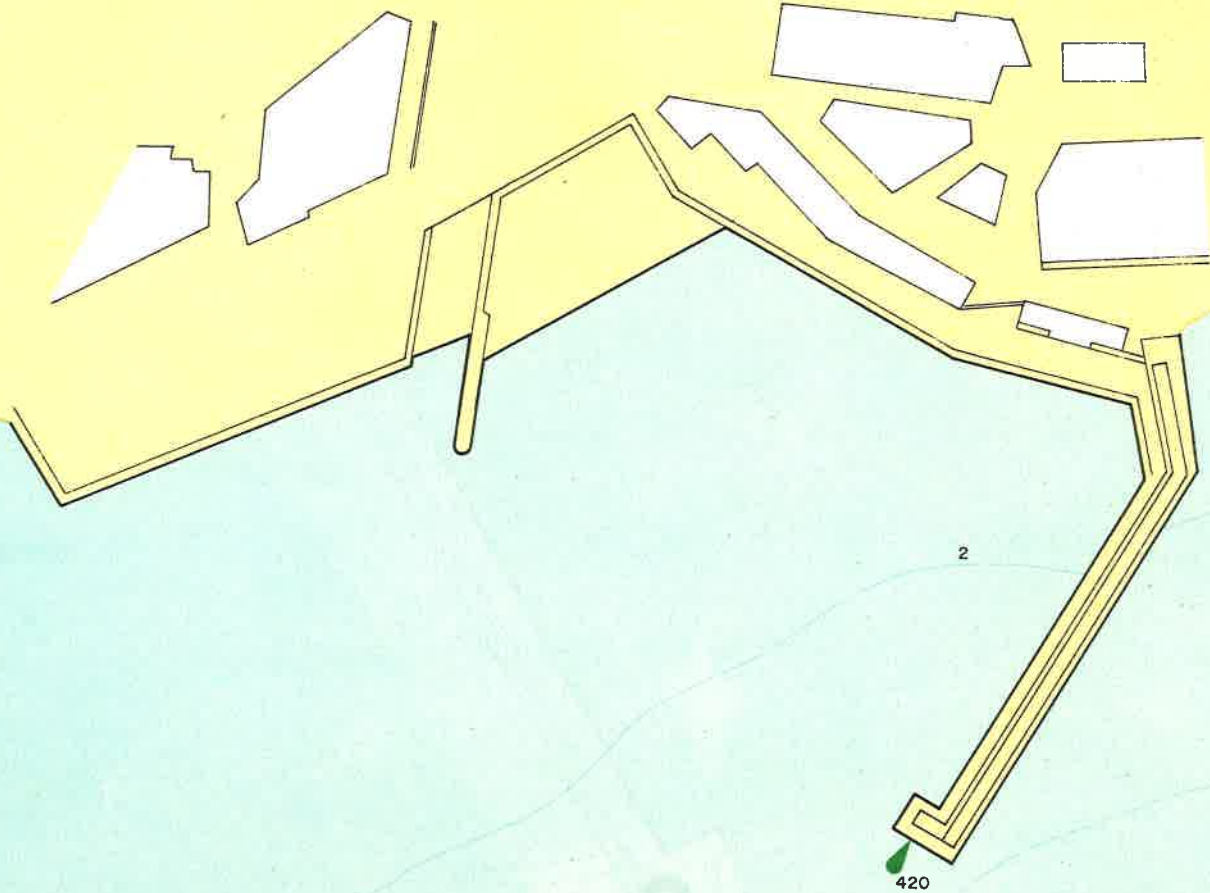
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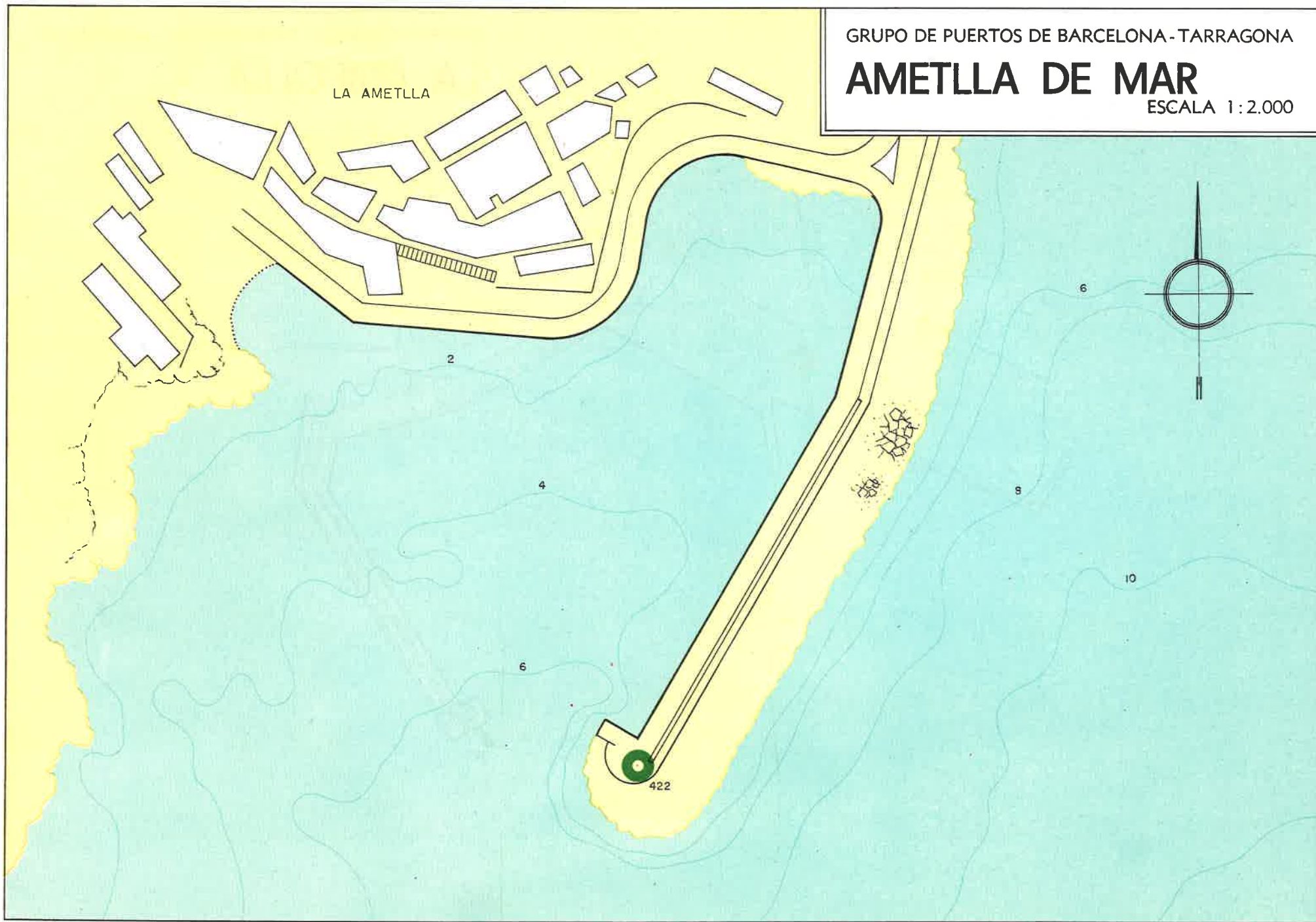
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AMETLLA DE MAR

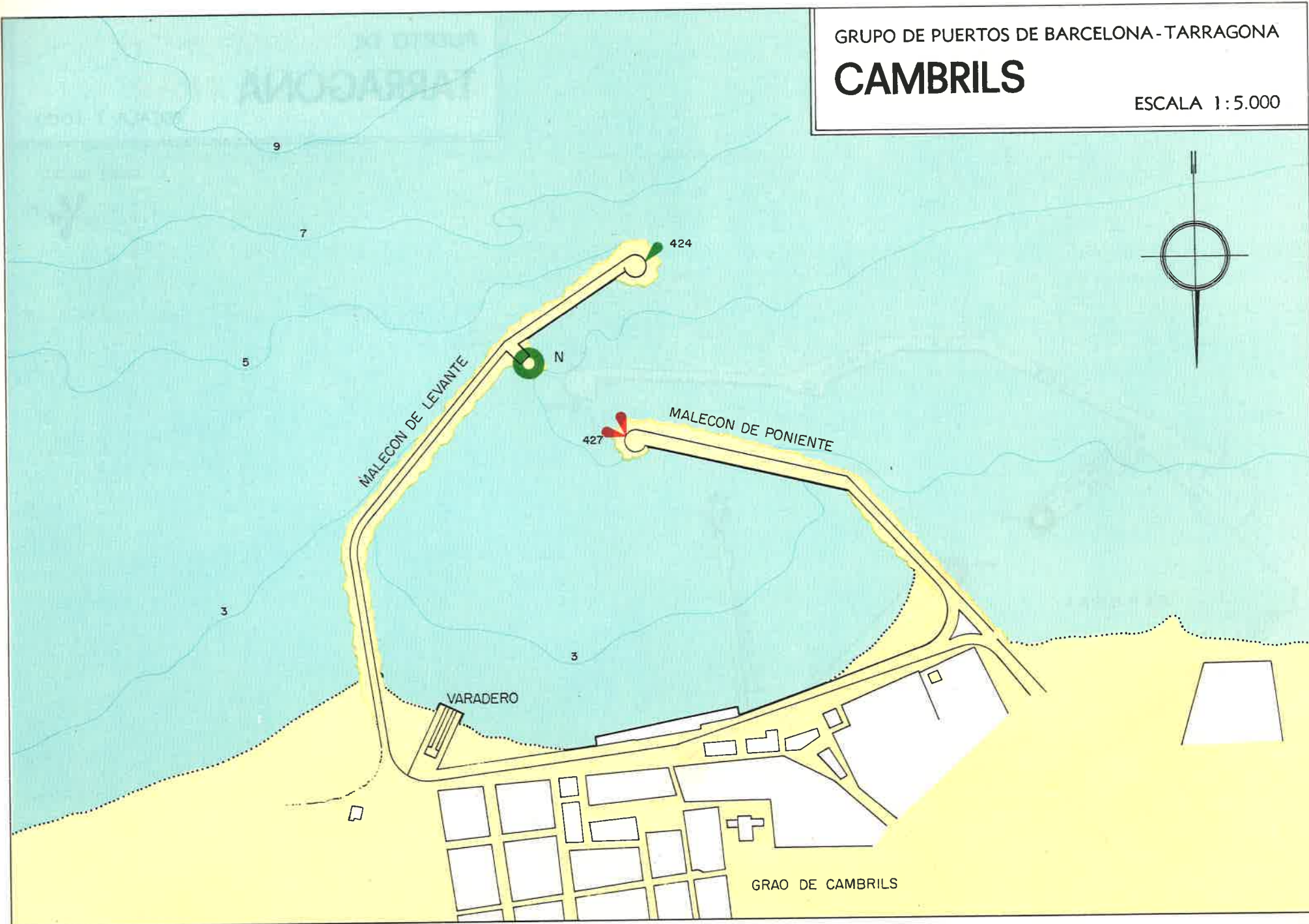
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GRUPO DE PUERTOS DE BARCELONA - TARRAGONA

CAMBRILS

ESCALA 1:5.000



PUERTO DE TARRAGONA

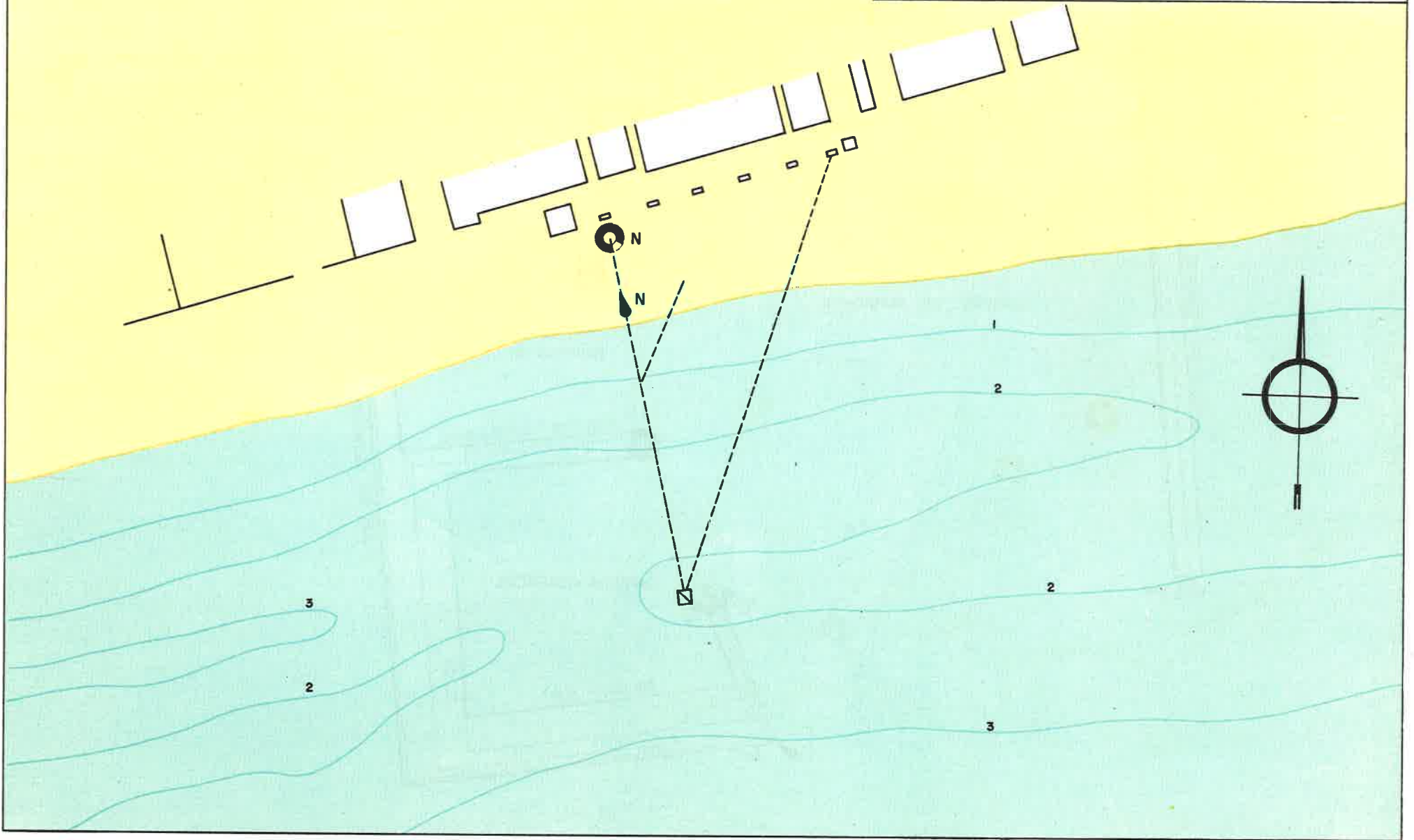
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GRUPO DE PUERTOS DE BARCELONA - TARRAGONA

TORREDEMBARRA

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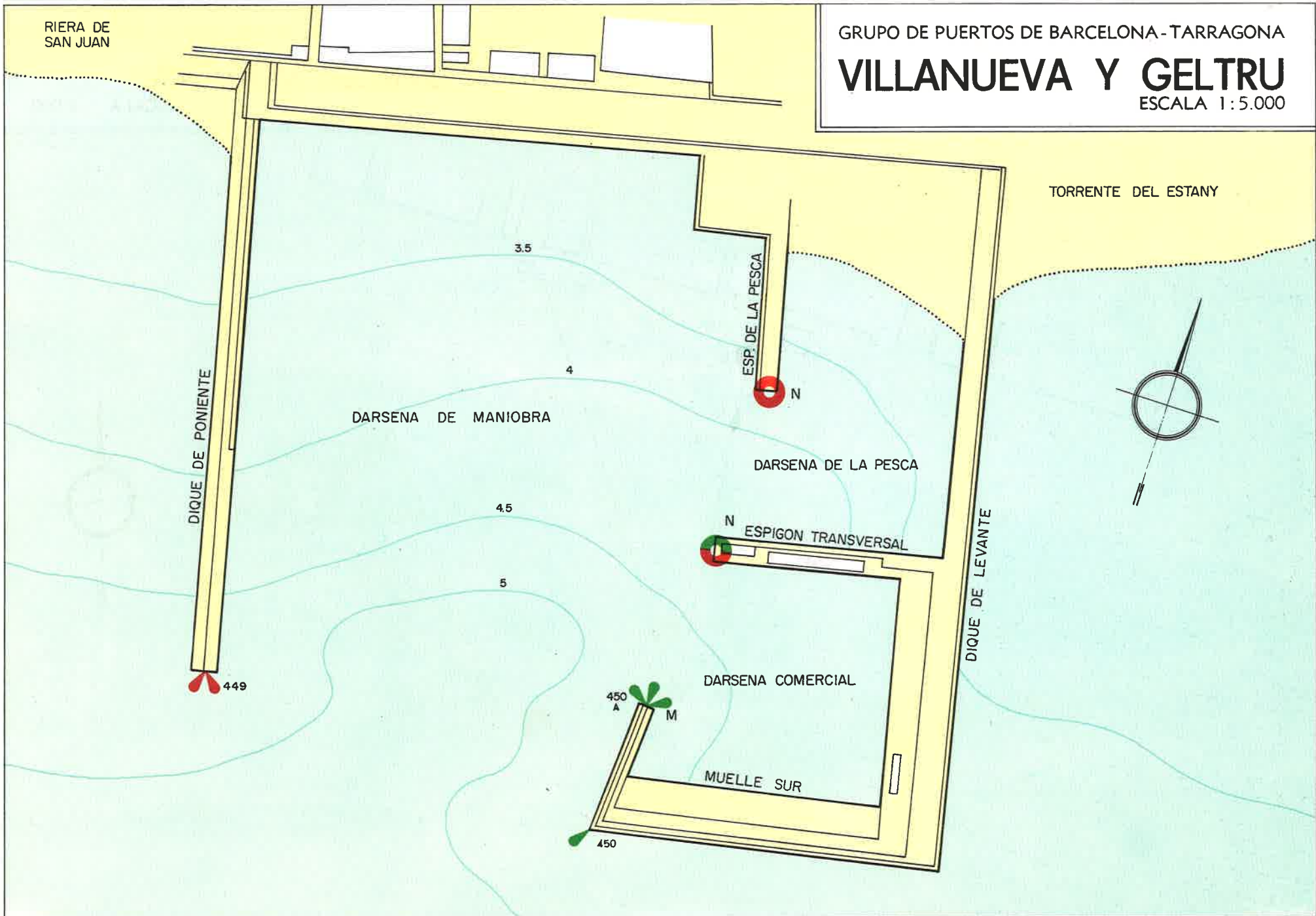
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GRUPO DE PUERTOS DE BARCELONA - TARRAGONA

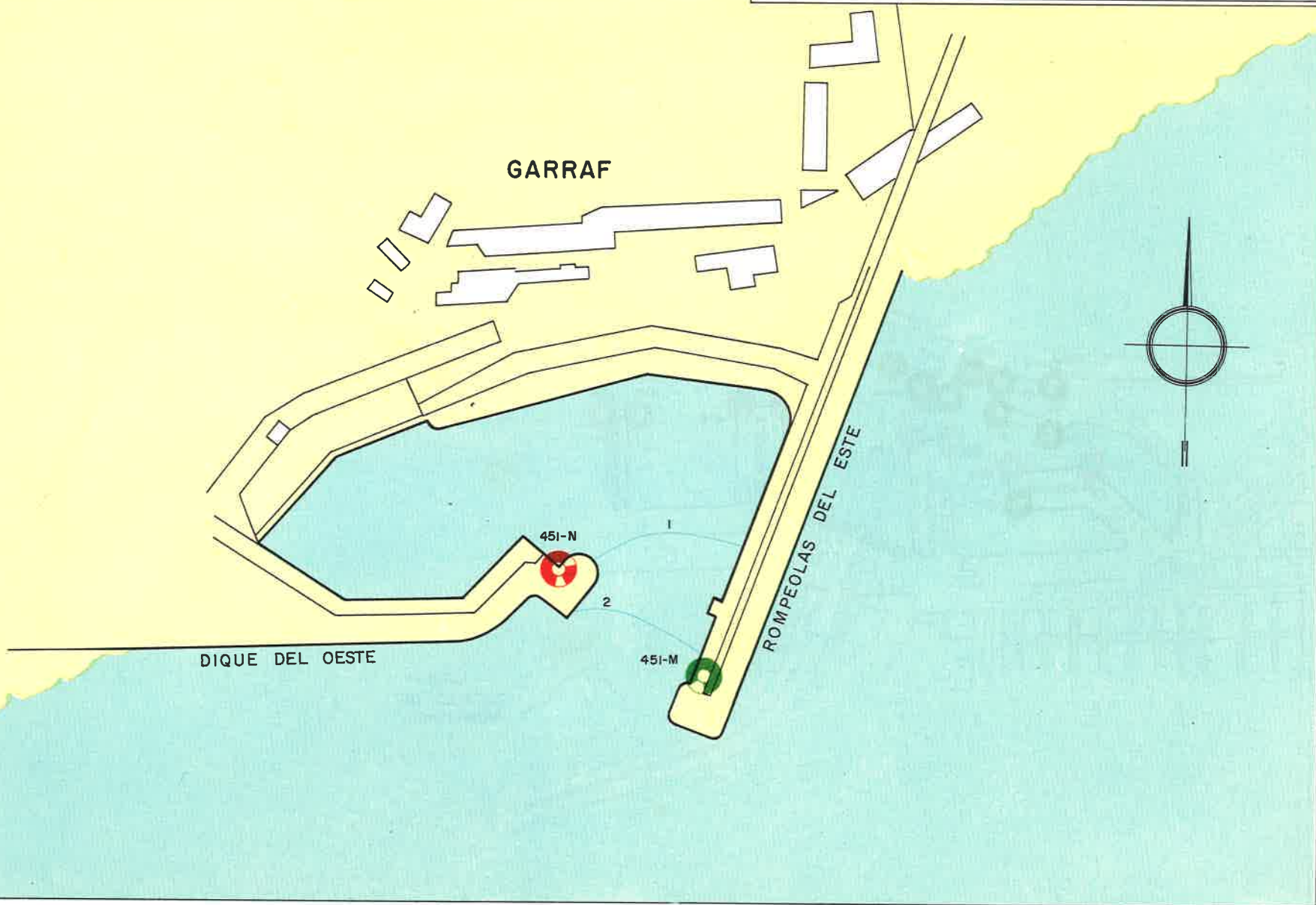
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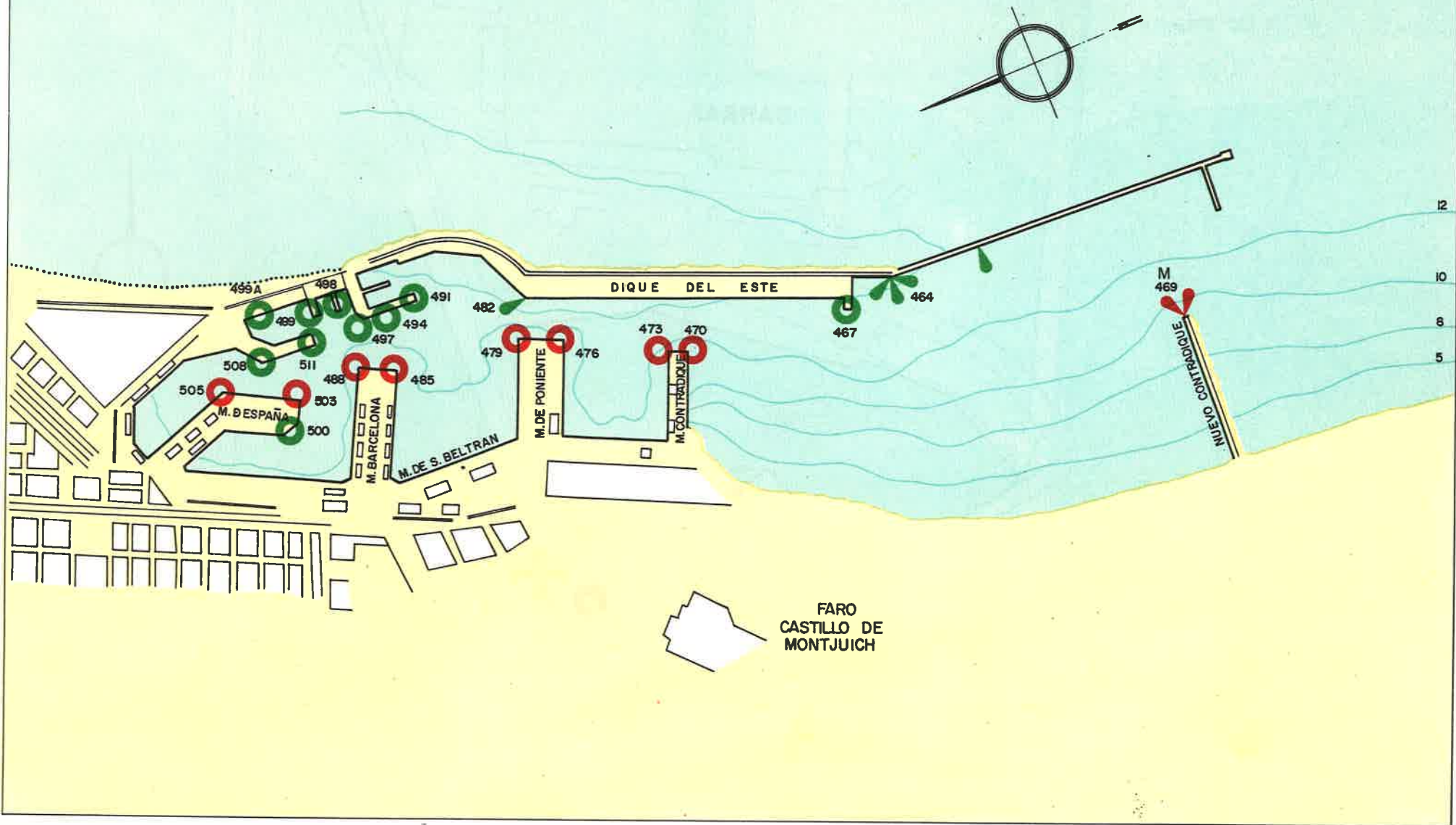


GARRAF



PUERTO DE
BARCELONA

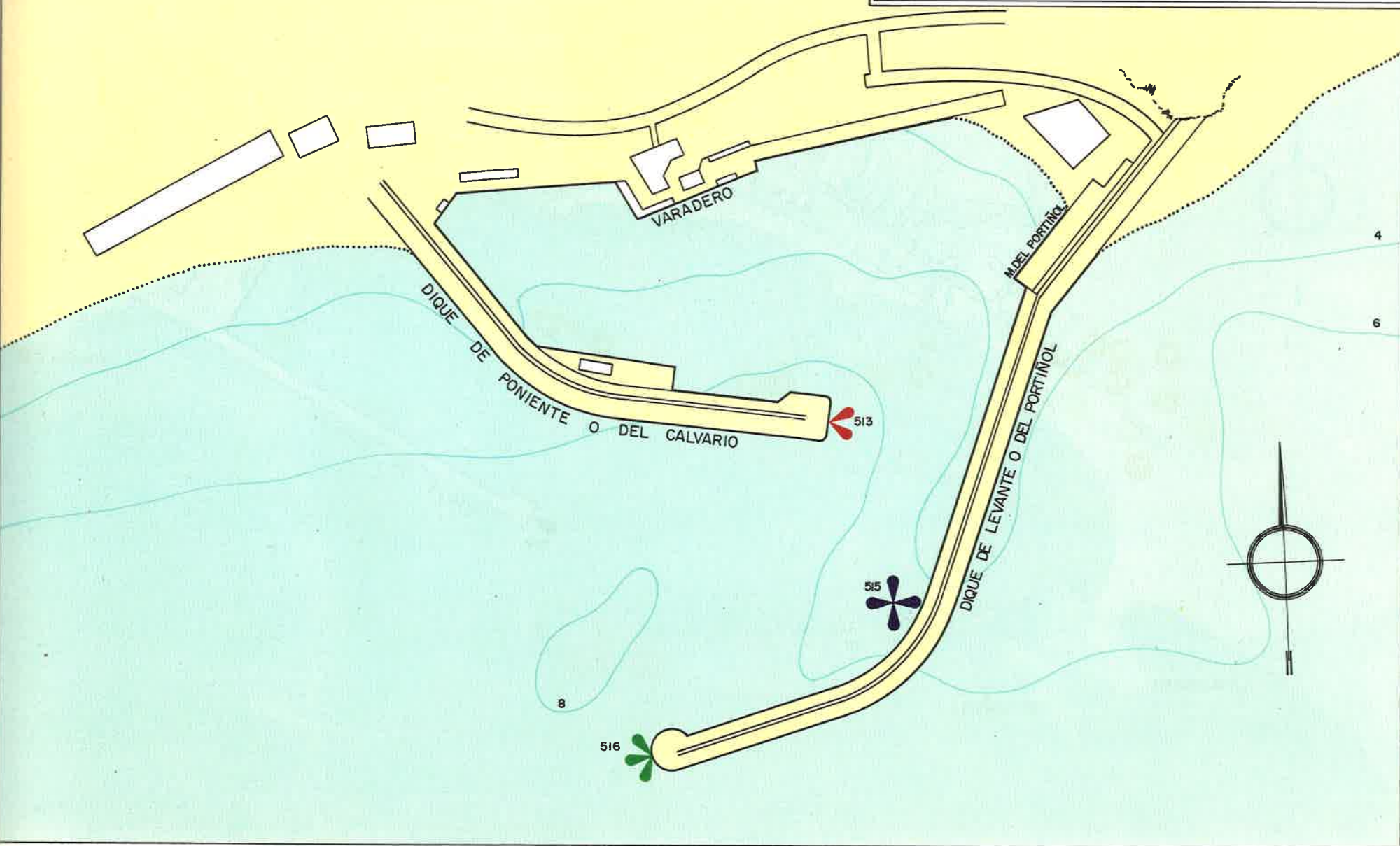
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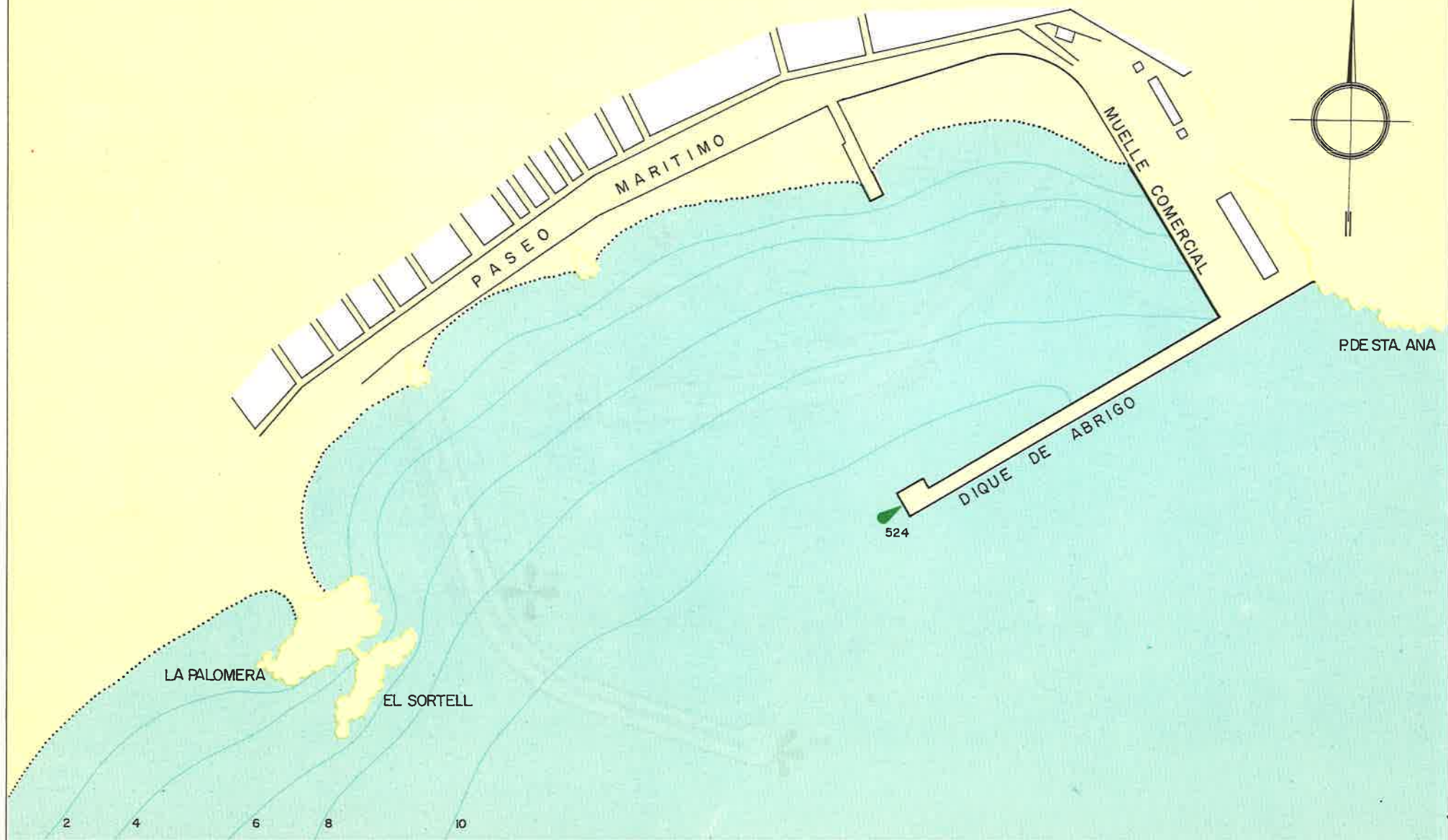
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ARENYS DE MAR

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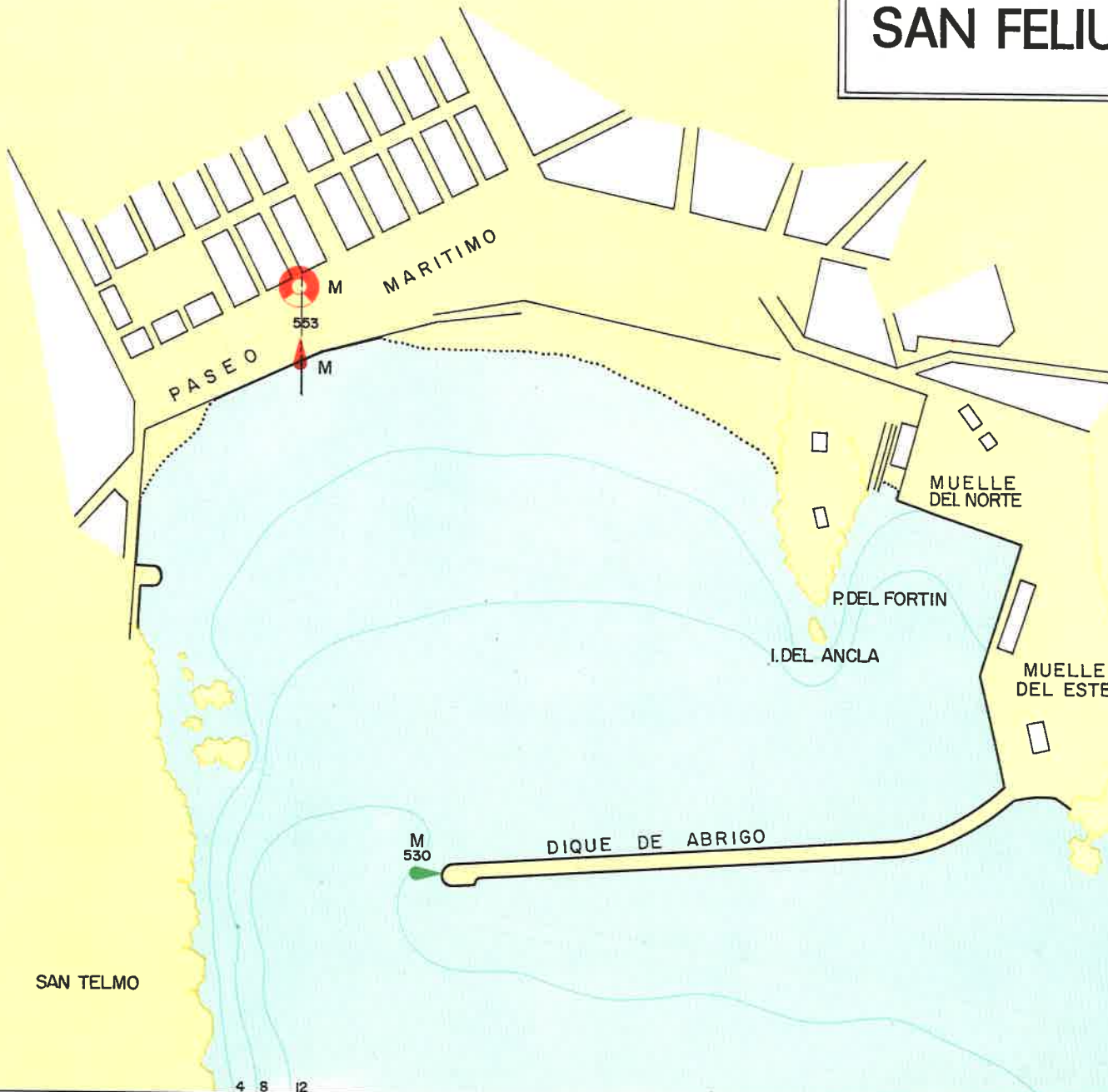
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GRUPO DE PUERTOS DE GERONA

SAN FELIU DE GUIXOLS

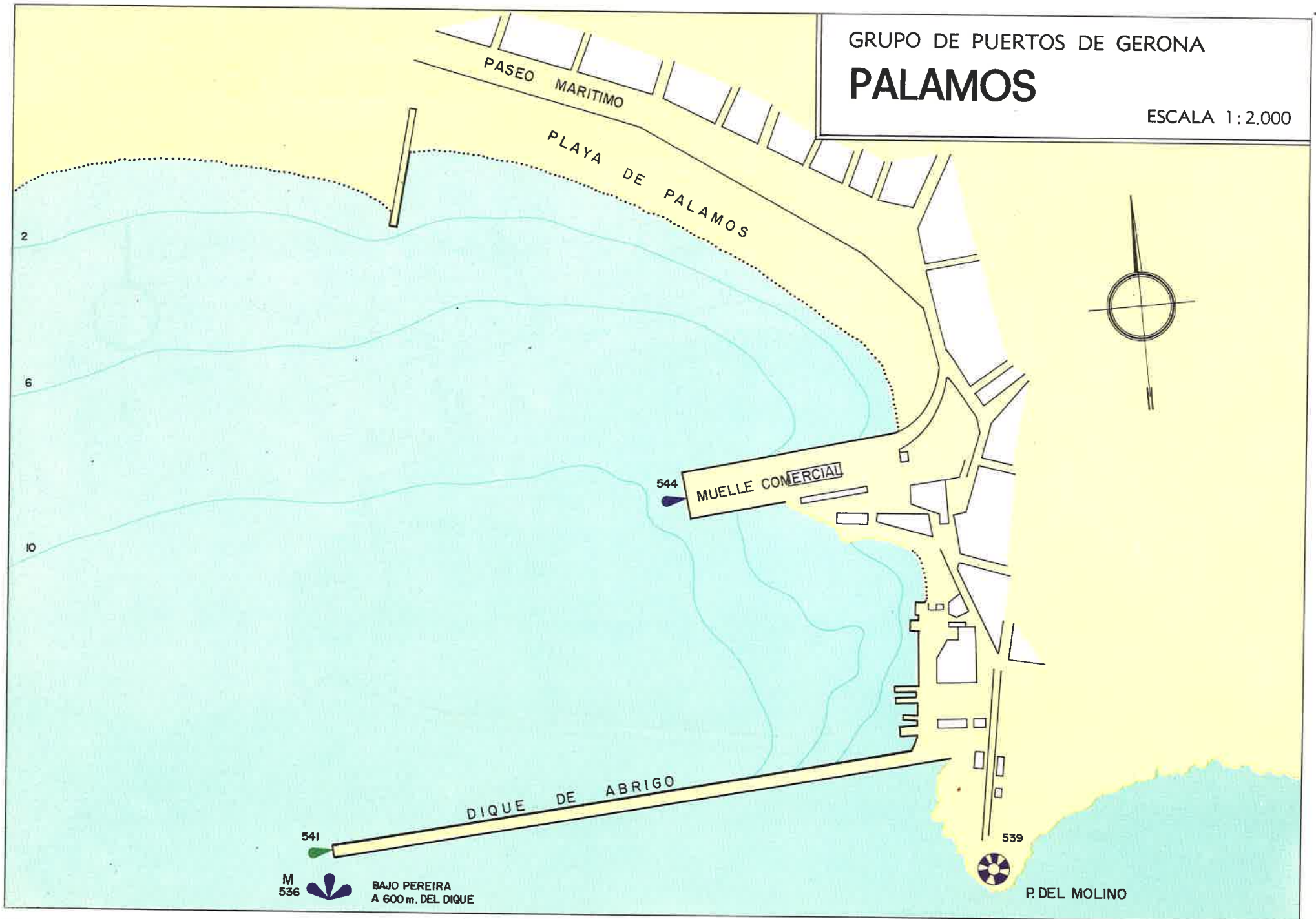
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GRUPO DE PUERTOS DE GERONA

PALAMOS

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M
536



BAJO PEREIRA
A 600 m. DEL DIQUE

539

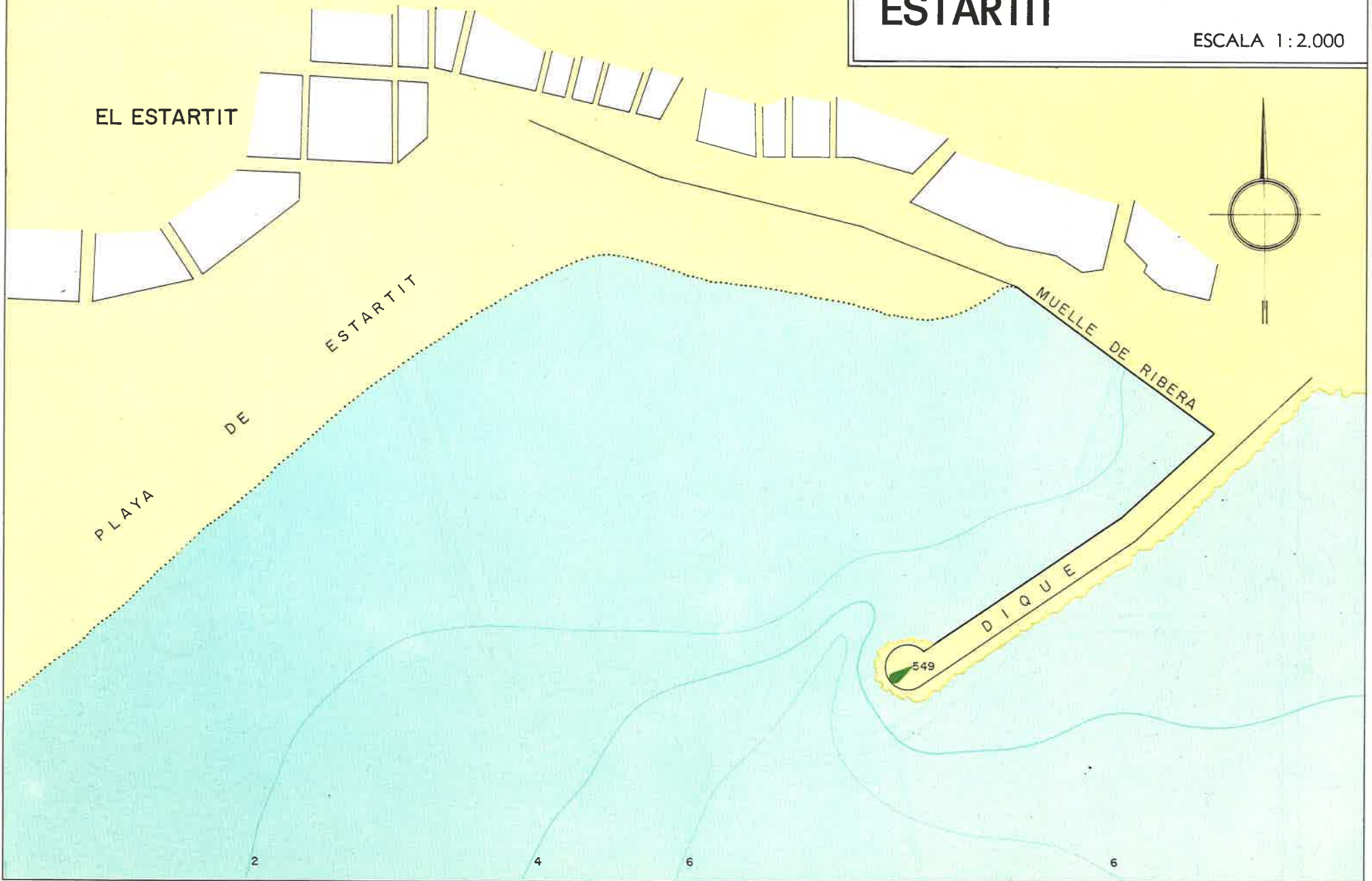


P. DEL MOLINO

GRUPO DE PUERTOS DE GERONA

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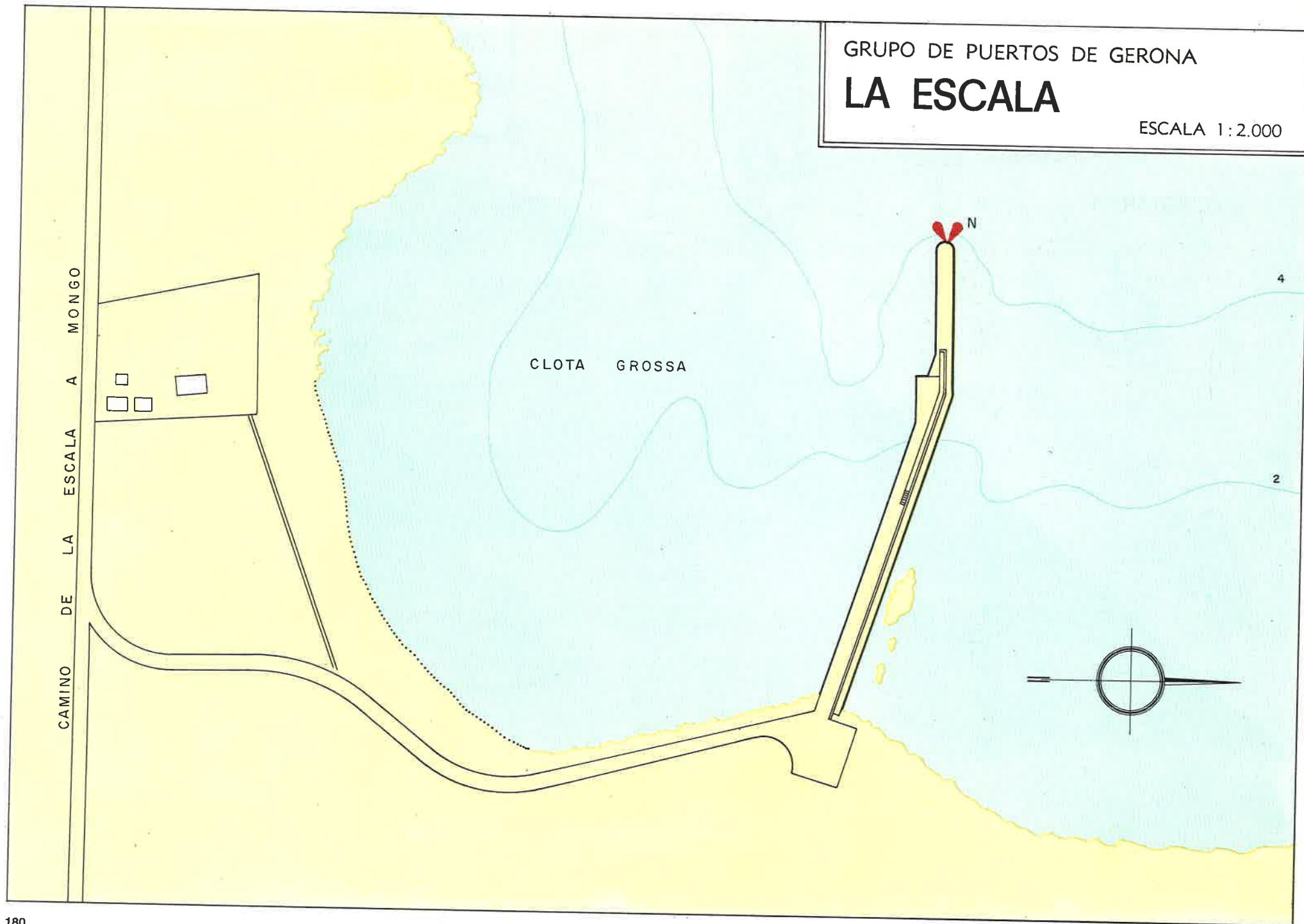
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GRUPO DE PUERTOS DE GERONA

LA ESCALA

ESCALA 1:2.000



GRUPO DE PUERTOS DE GERONA

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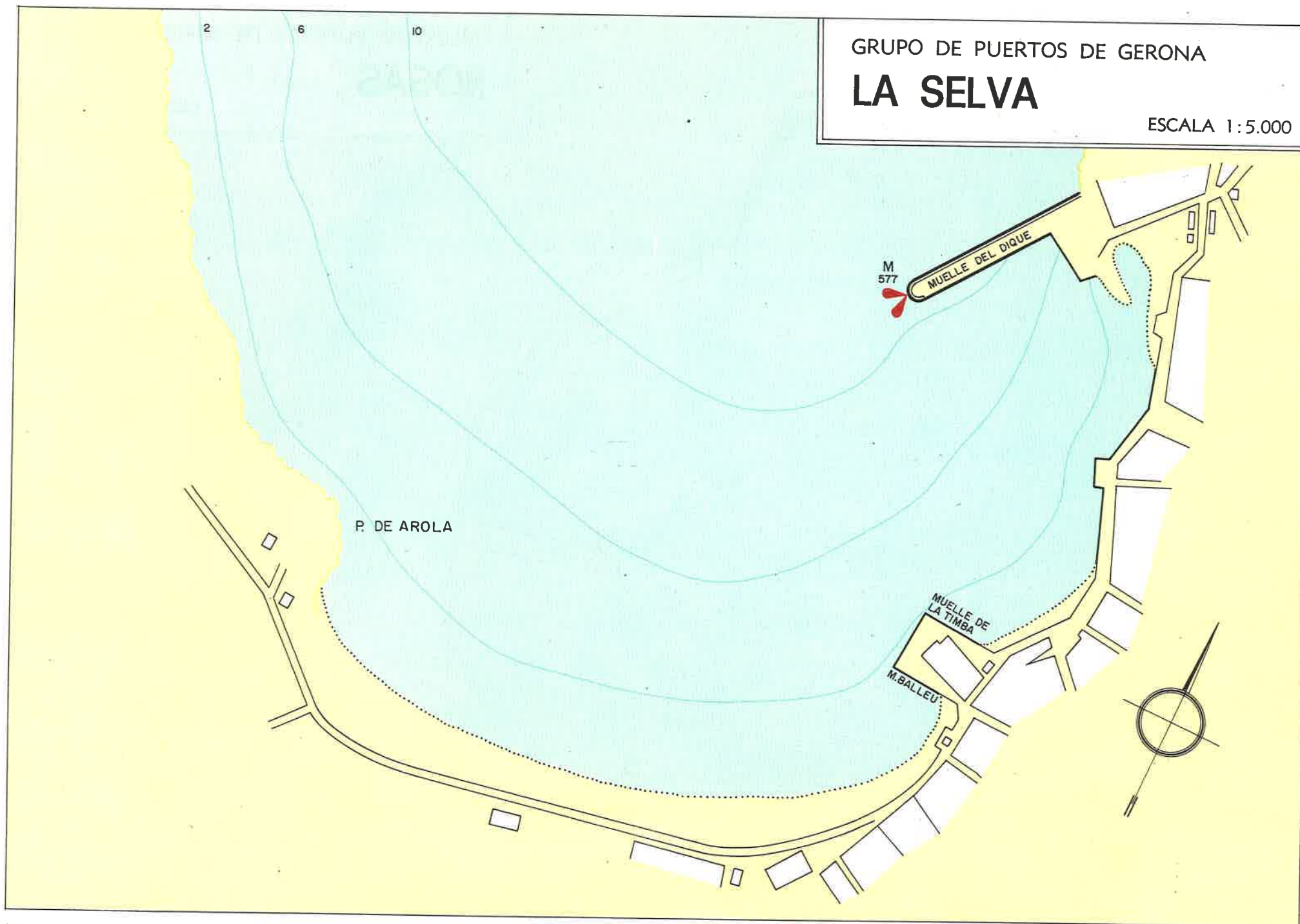
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GRUPO DE PUERTOS DE GERONA

LA SELVA

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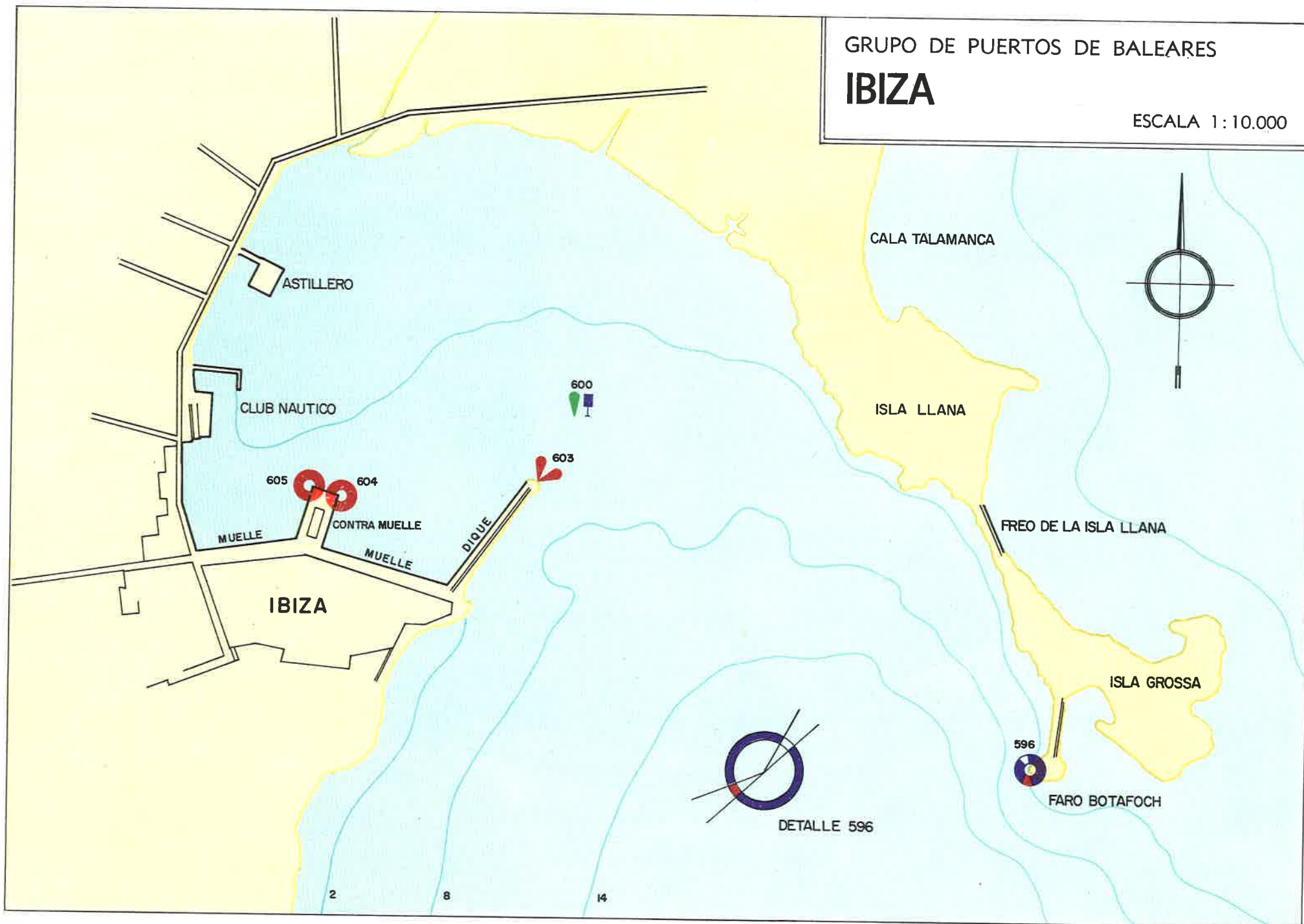
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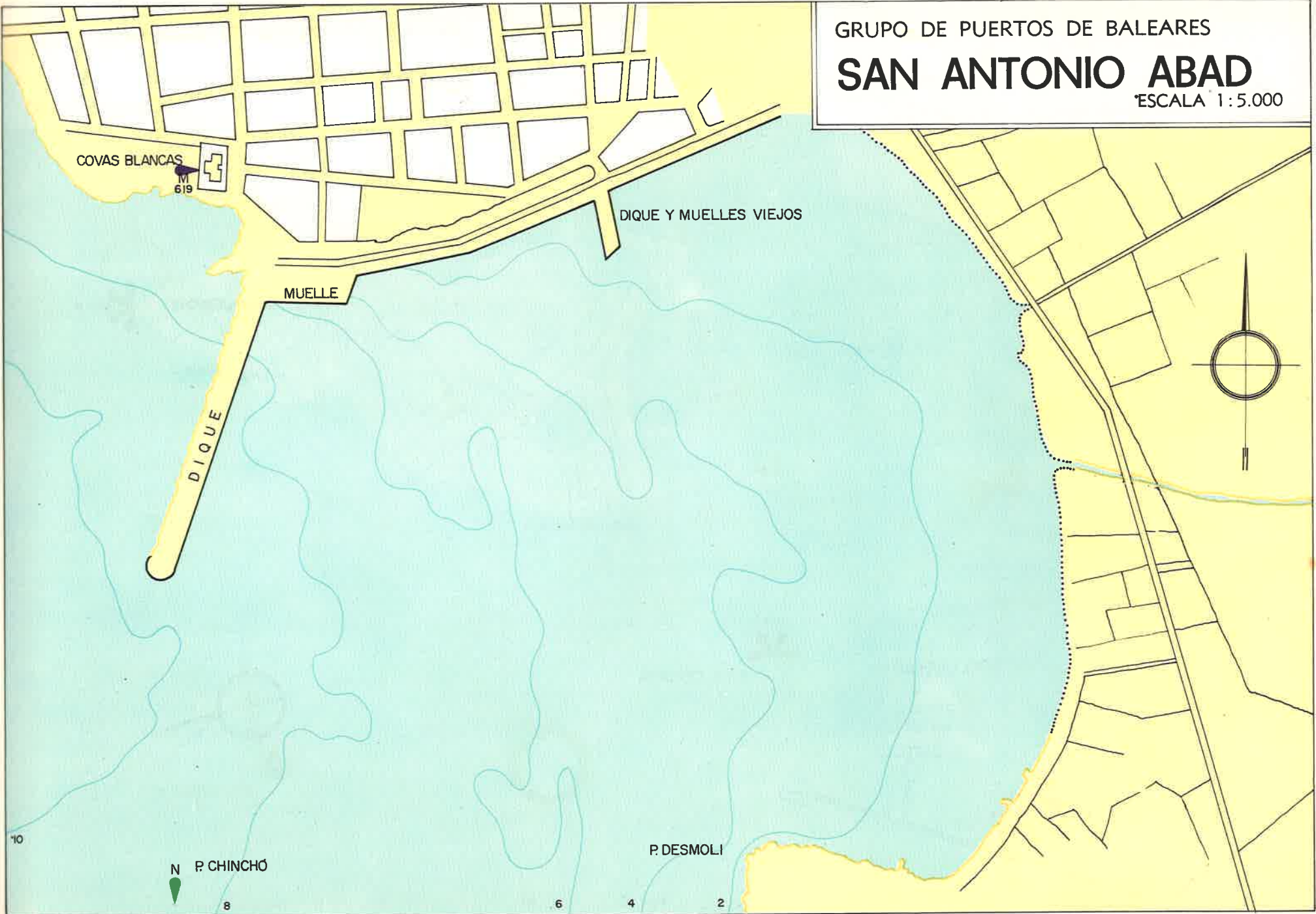
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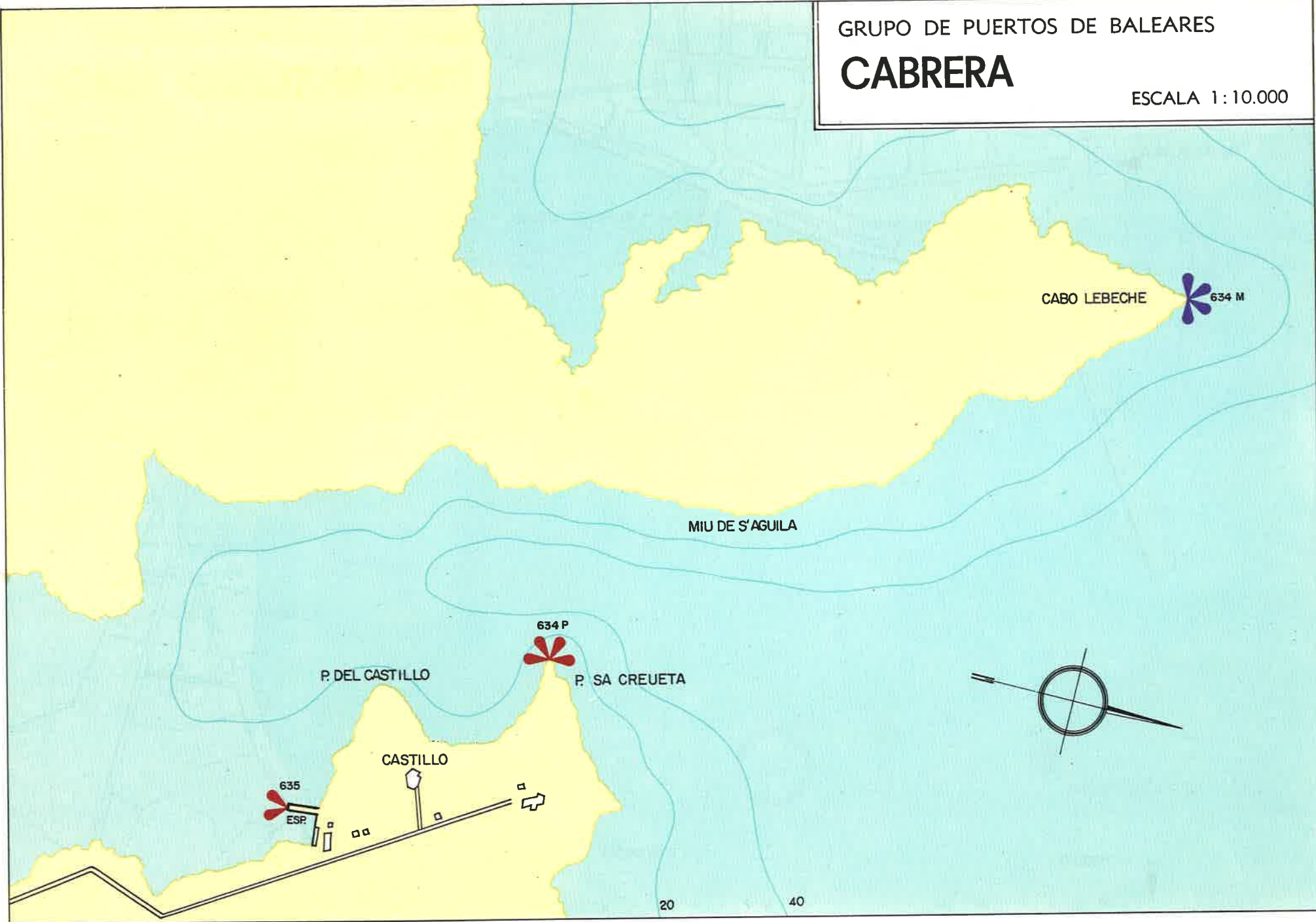
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GRUPO DE PUERTOS DE BALEARES

CABRERA

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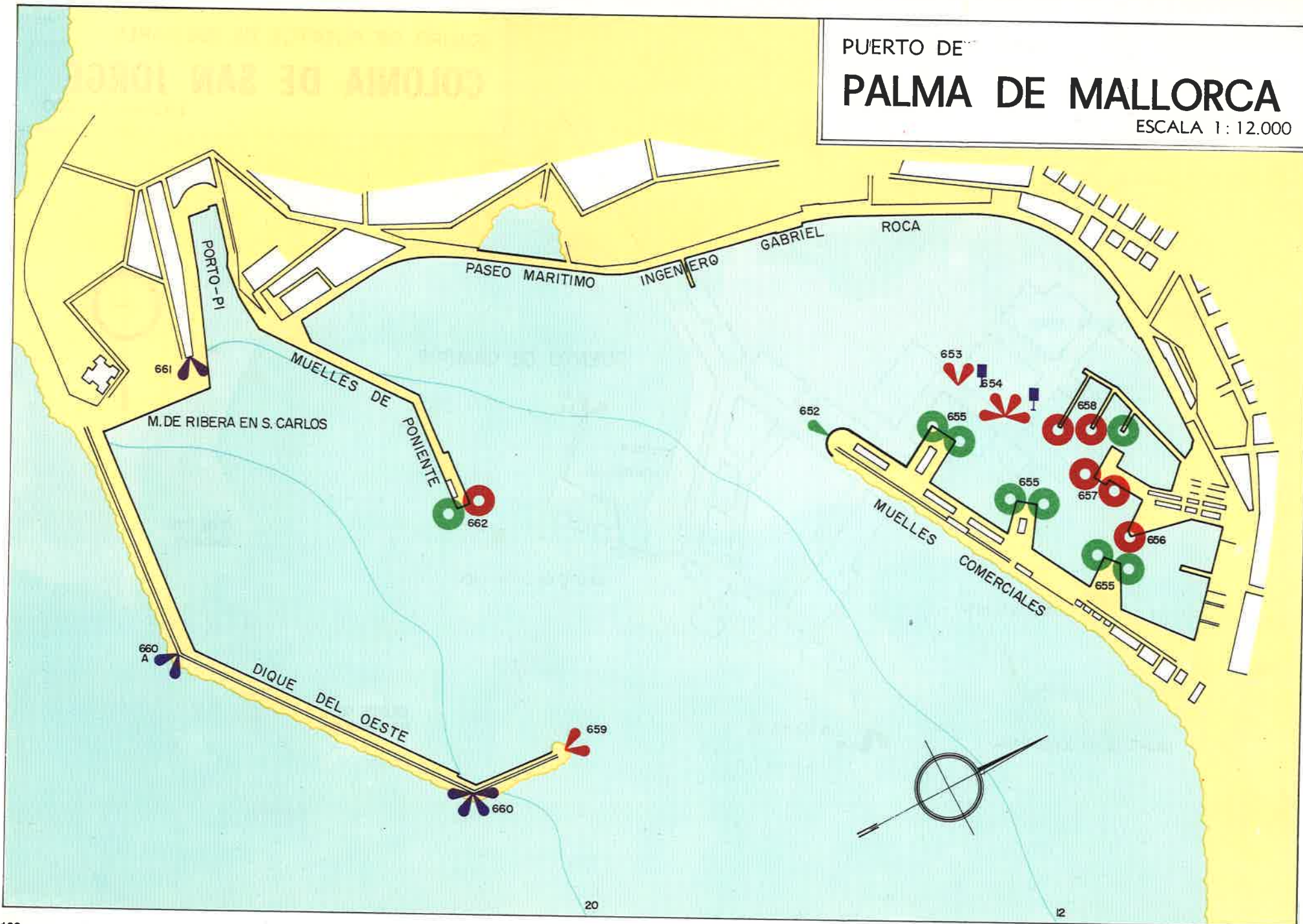
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PUERTO DE

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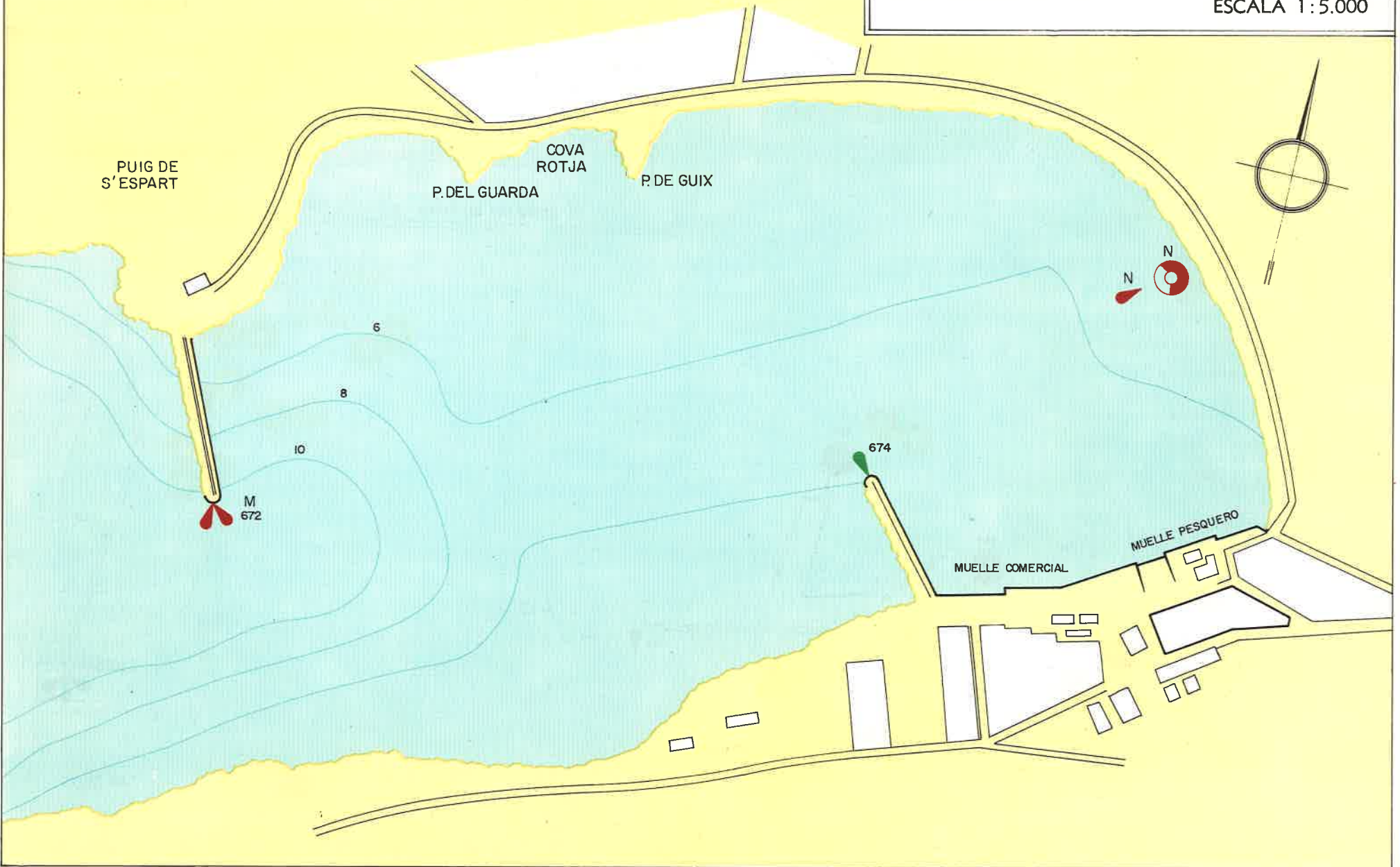
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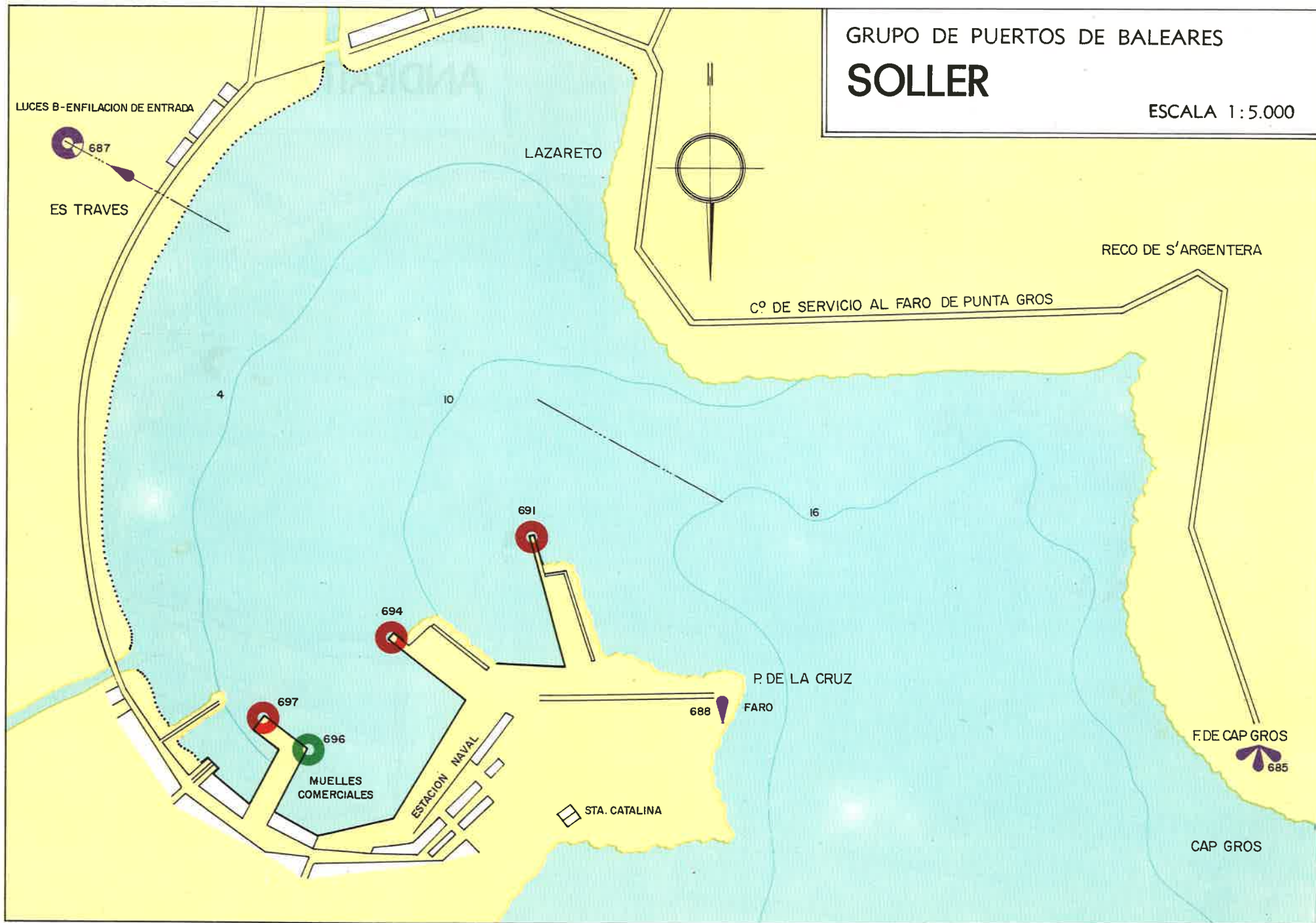
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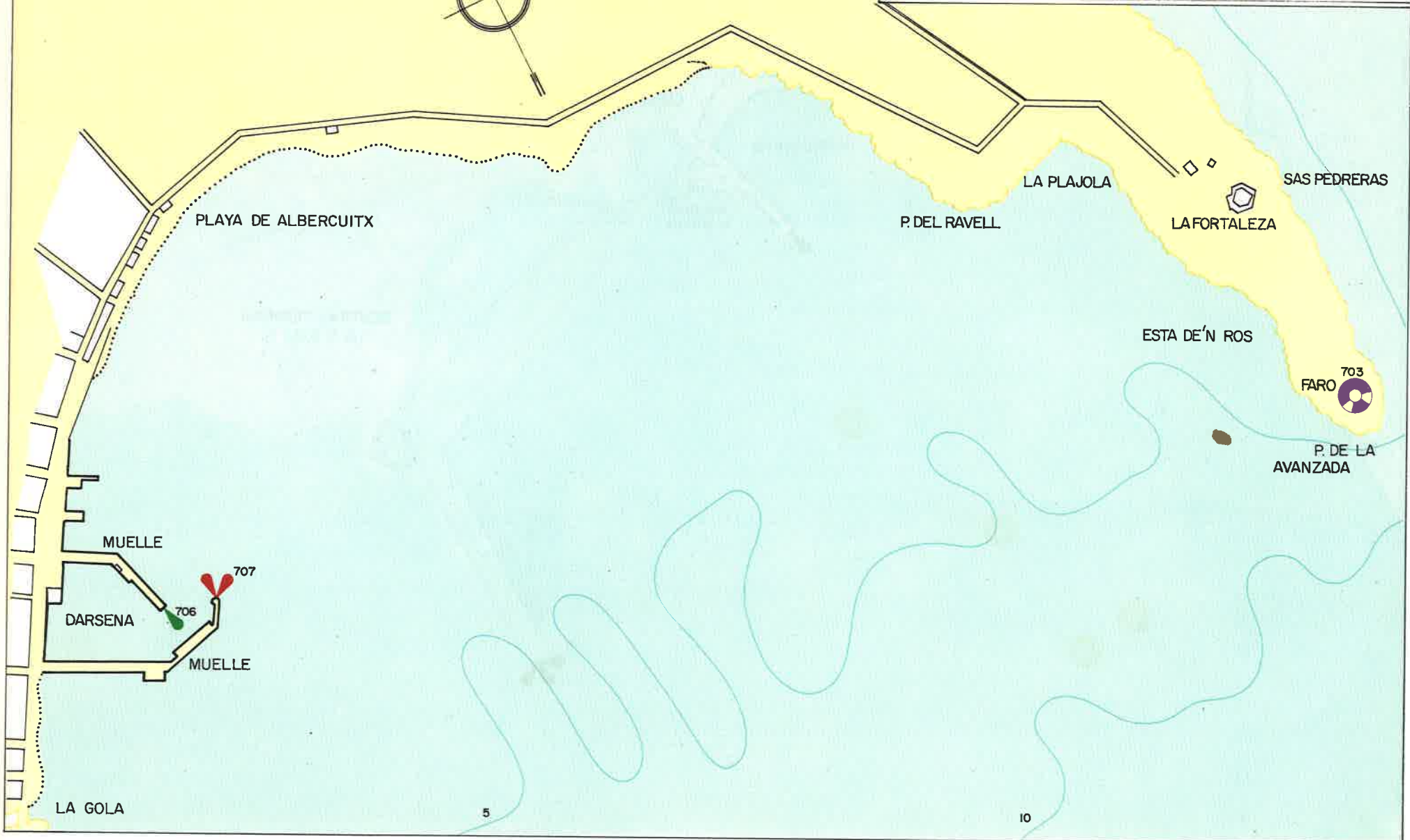
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GRUPO DE PUERTOS DE BALEARES

POLLENSA

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PLAYA DE ALBERCUITX

LA PLAJOLA

SAS PEDRERAS

P. DEL RAVELL

LA FORTALEZA

ESTA DE'N ROS

FARO 703

P. DE LA AVANZADA

MUELLE

707

DARSENA

706

MUELLE

LA GOLA

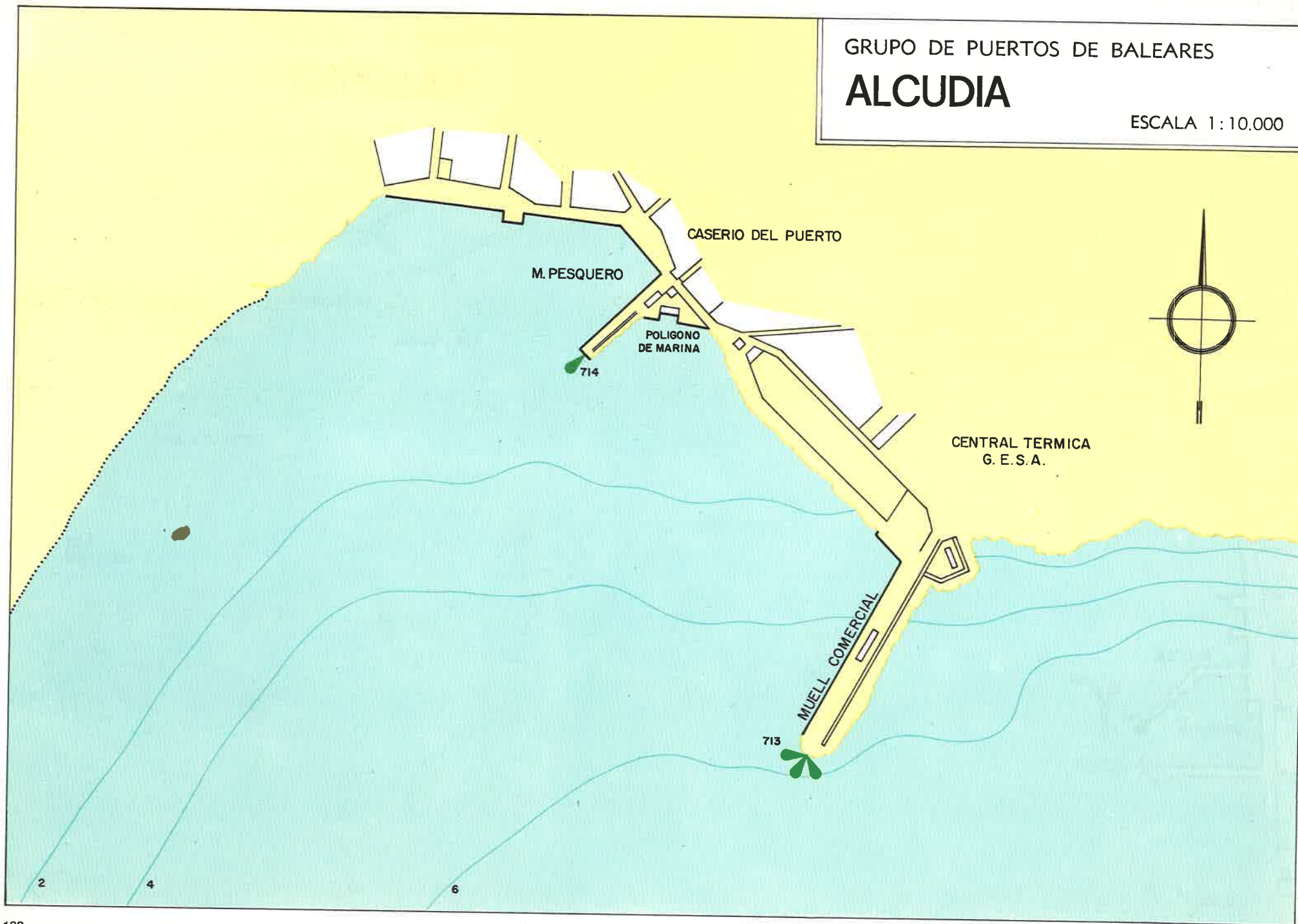
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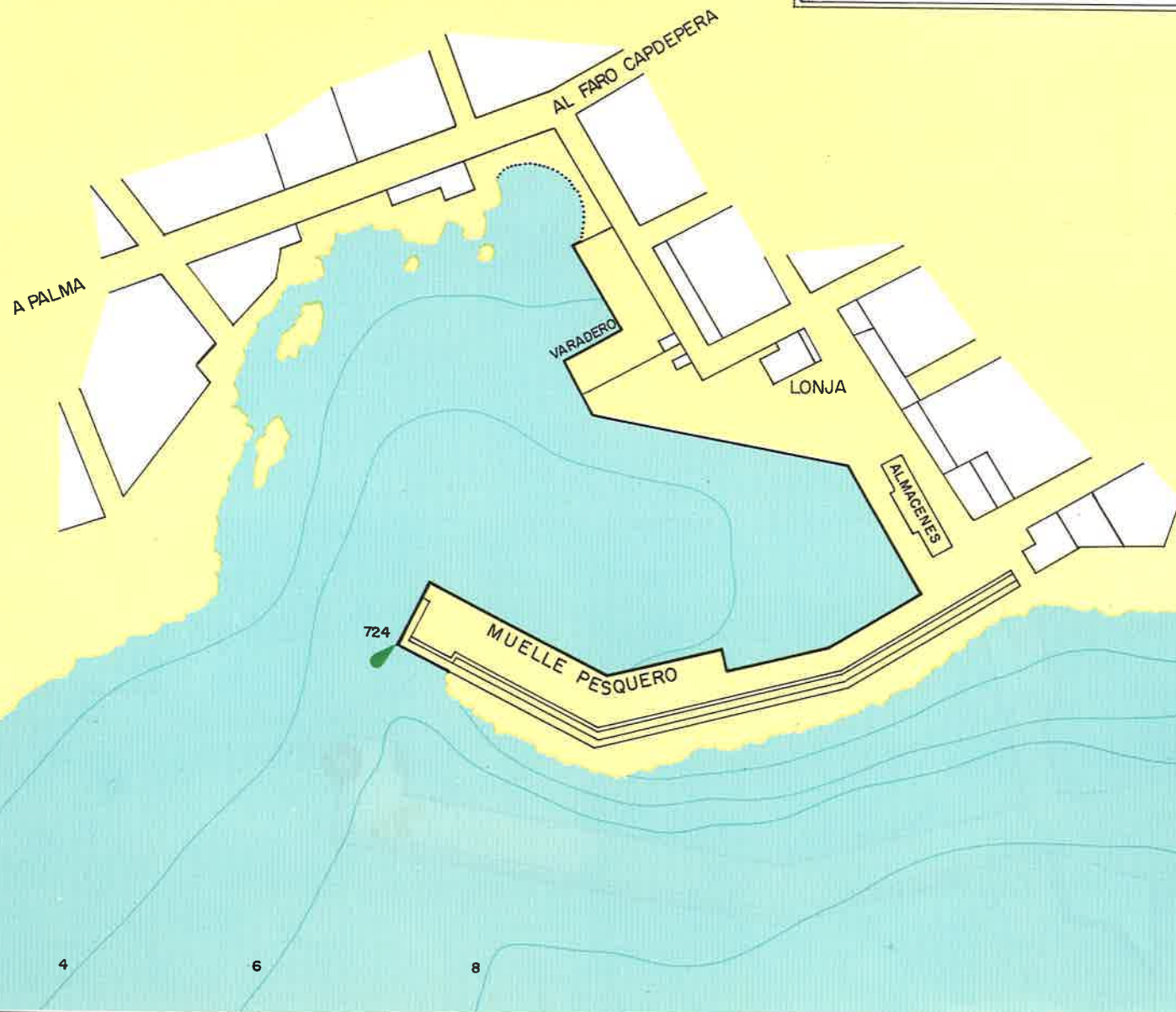
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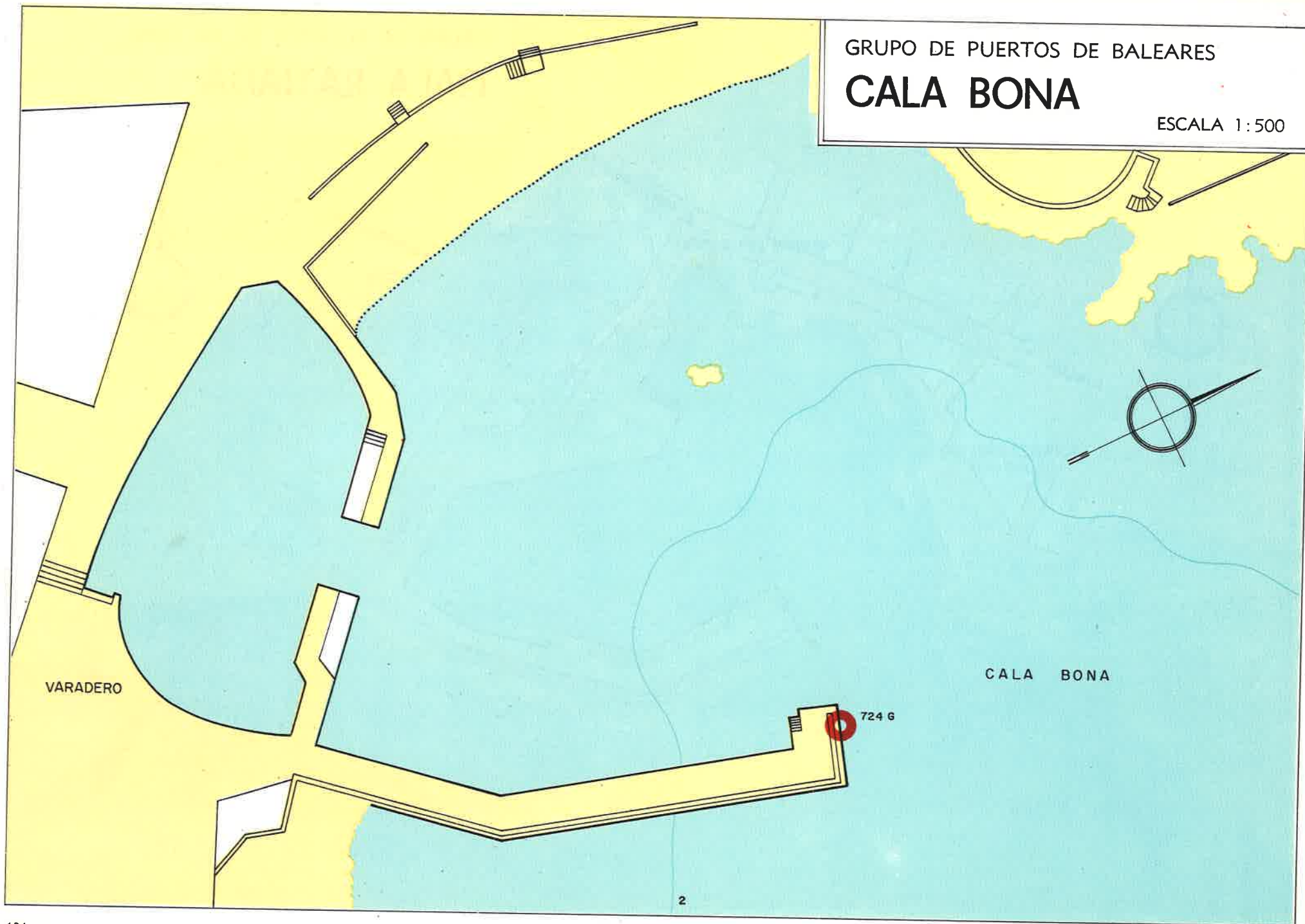
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GRUPO DE PUERTOS DE BALEARES

CALA BONA

ESCALA 1:500



GRUPO DE PUERTOS DE BALEARES

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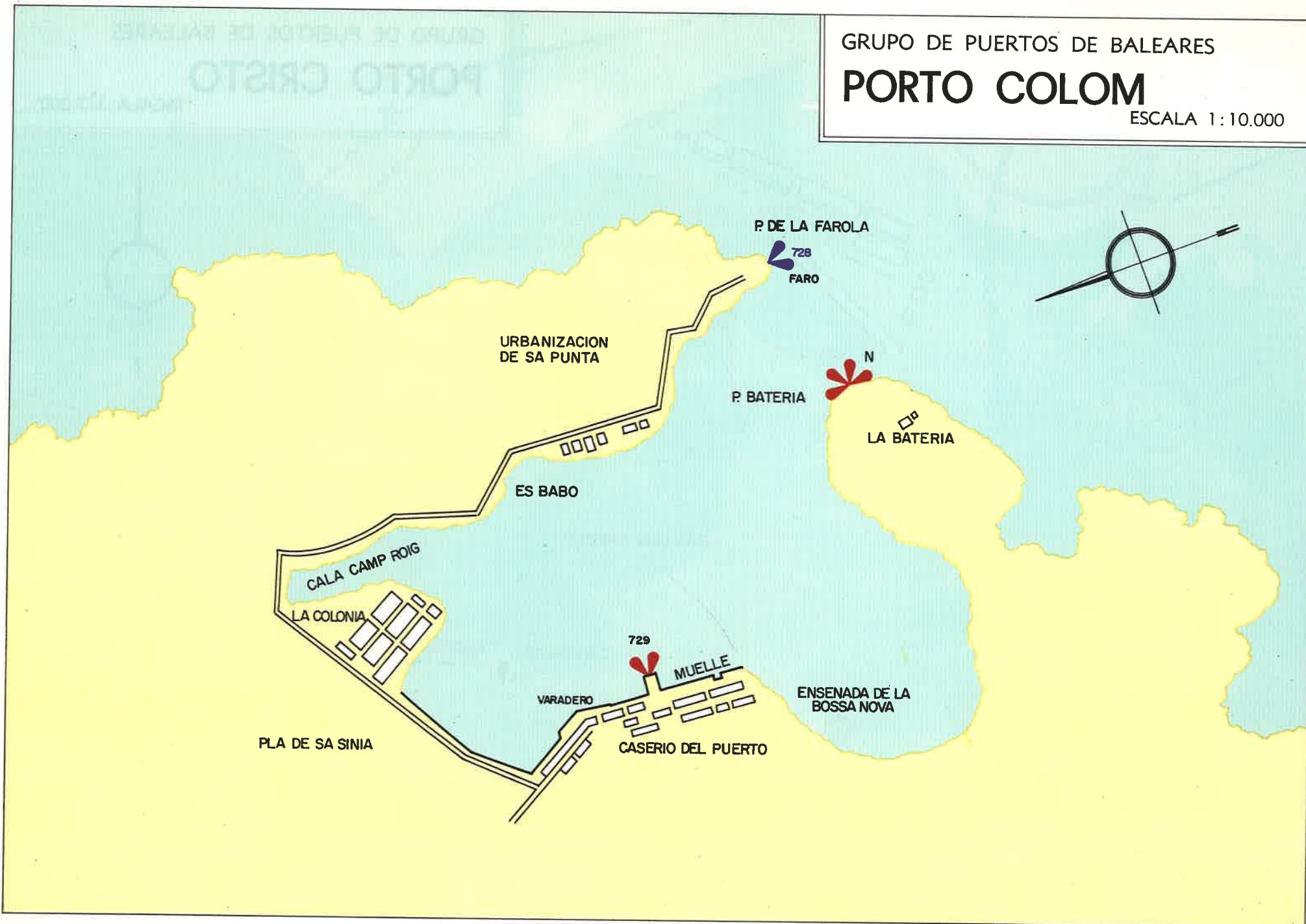
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GRUPO DE PUERTOS DE BALEARES

PORTO COLOM

ESCALA 1:10.000



GRUPO DE PUERTOS DE BALEARES

PORTO PETRO

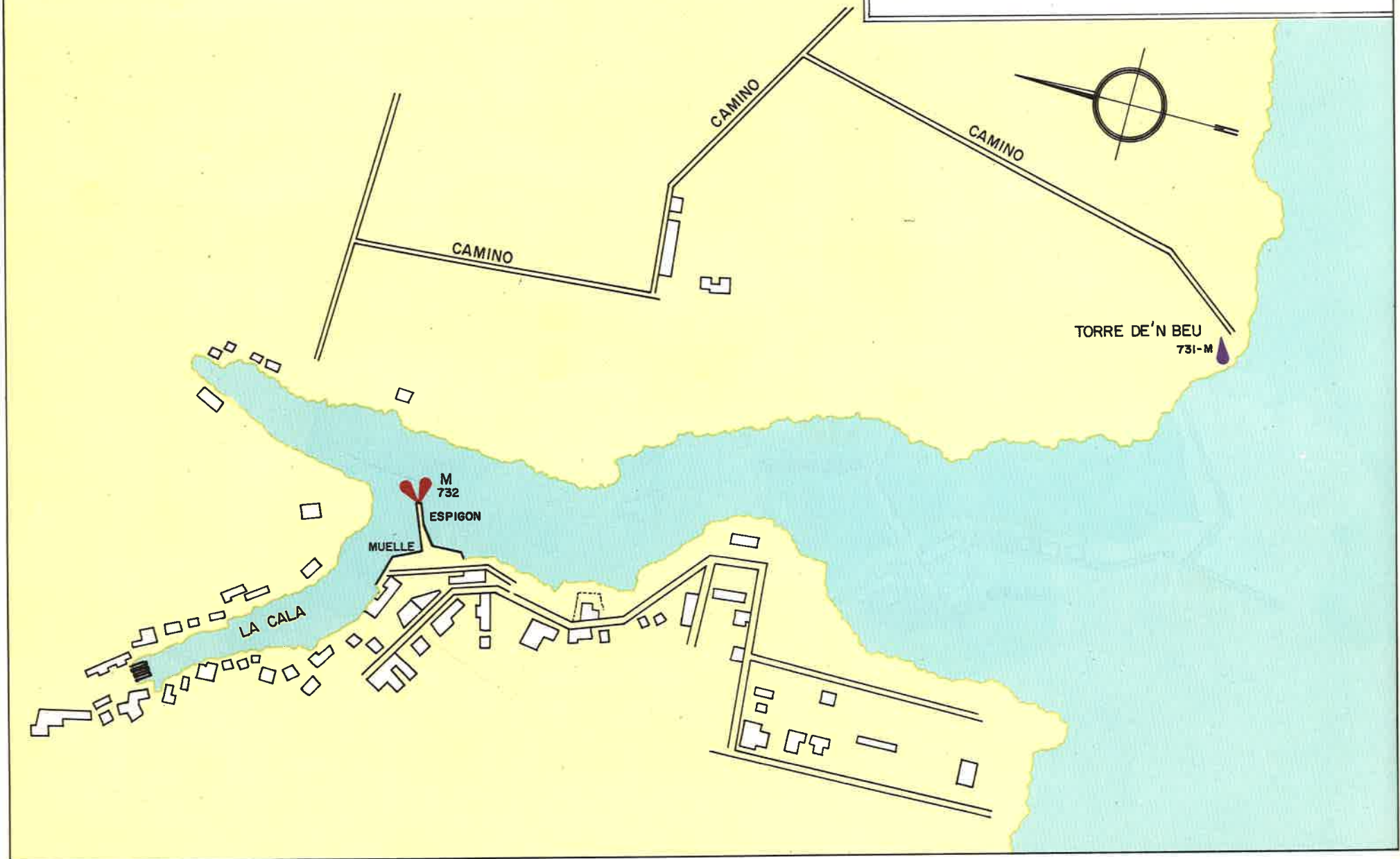
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CALA FIGUERA

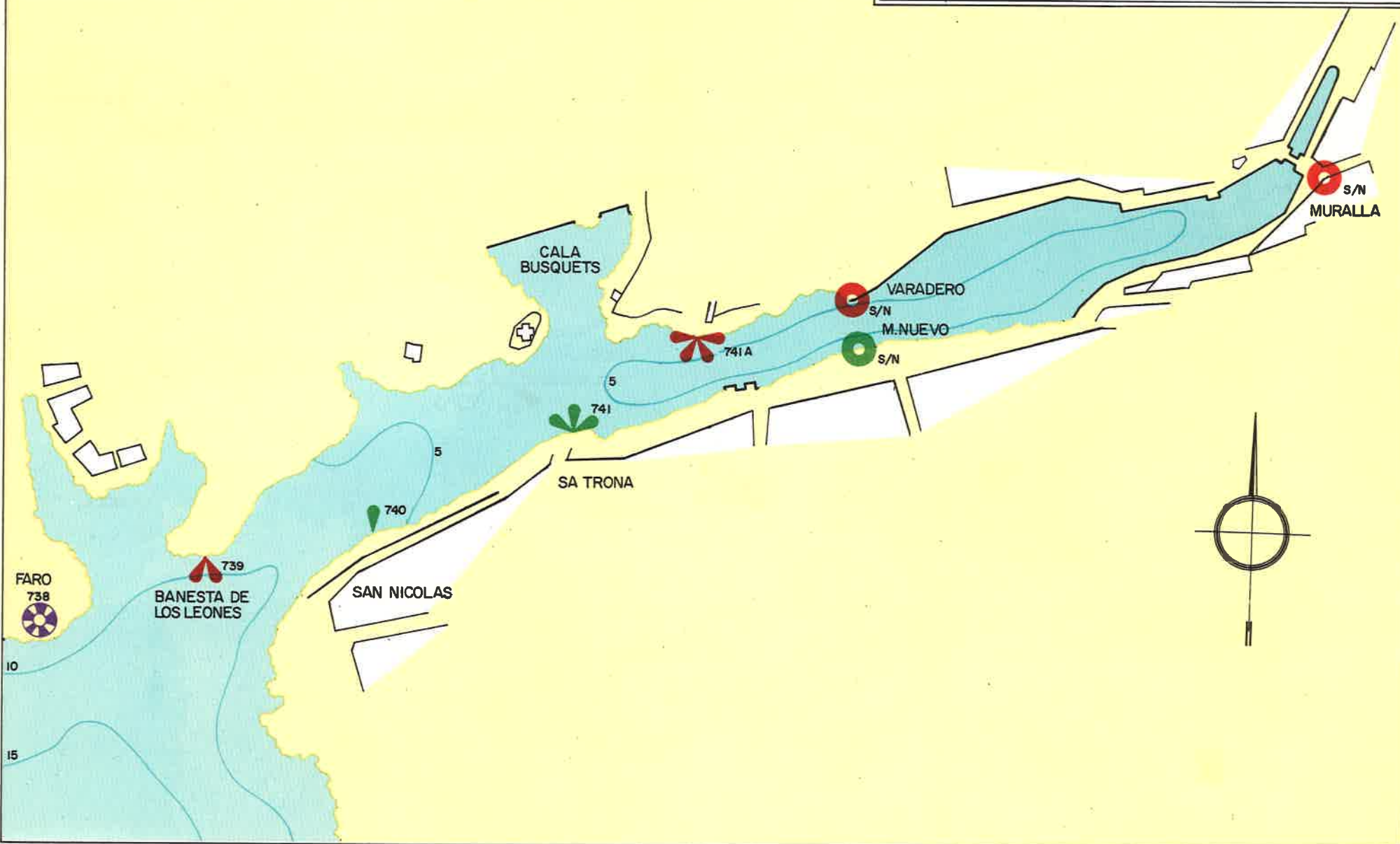
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GRUPO DE PUERTOS DE BALEARES

CIUDADELA

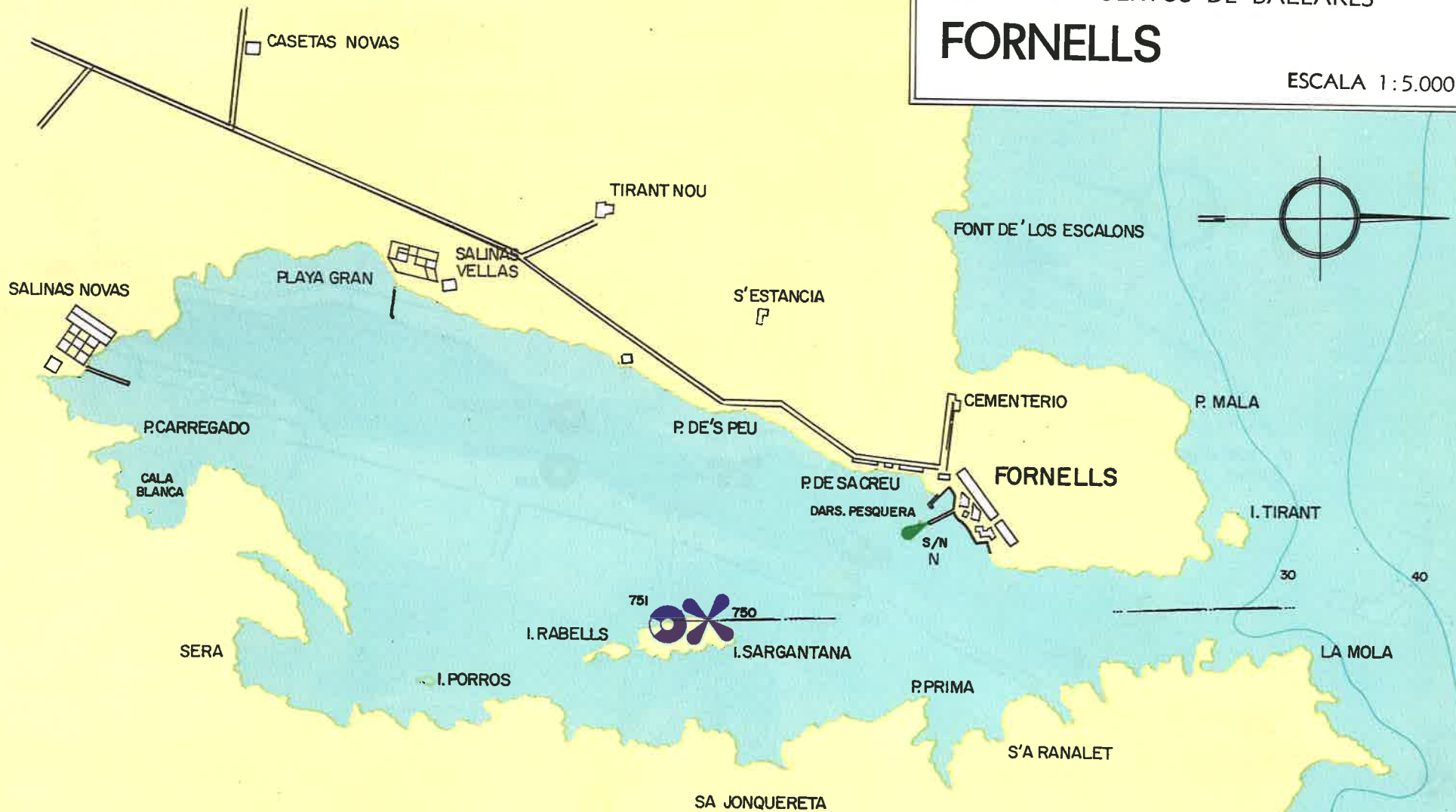
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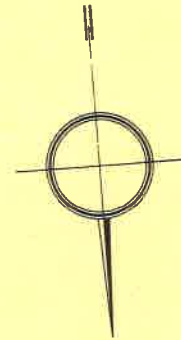
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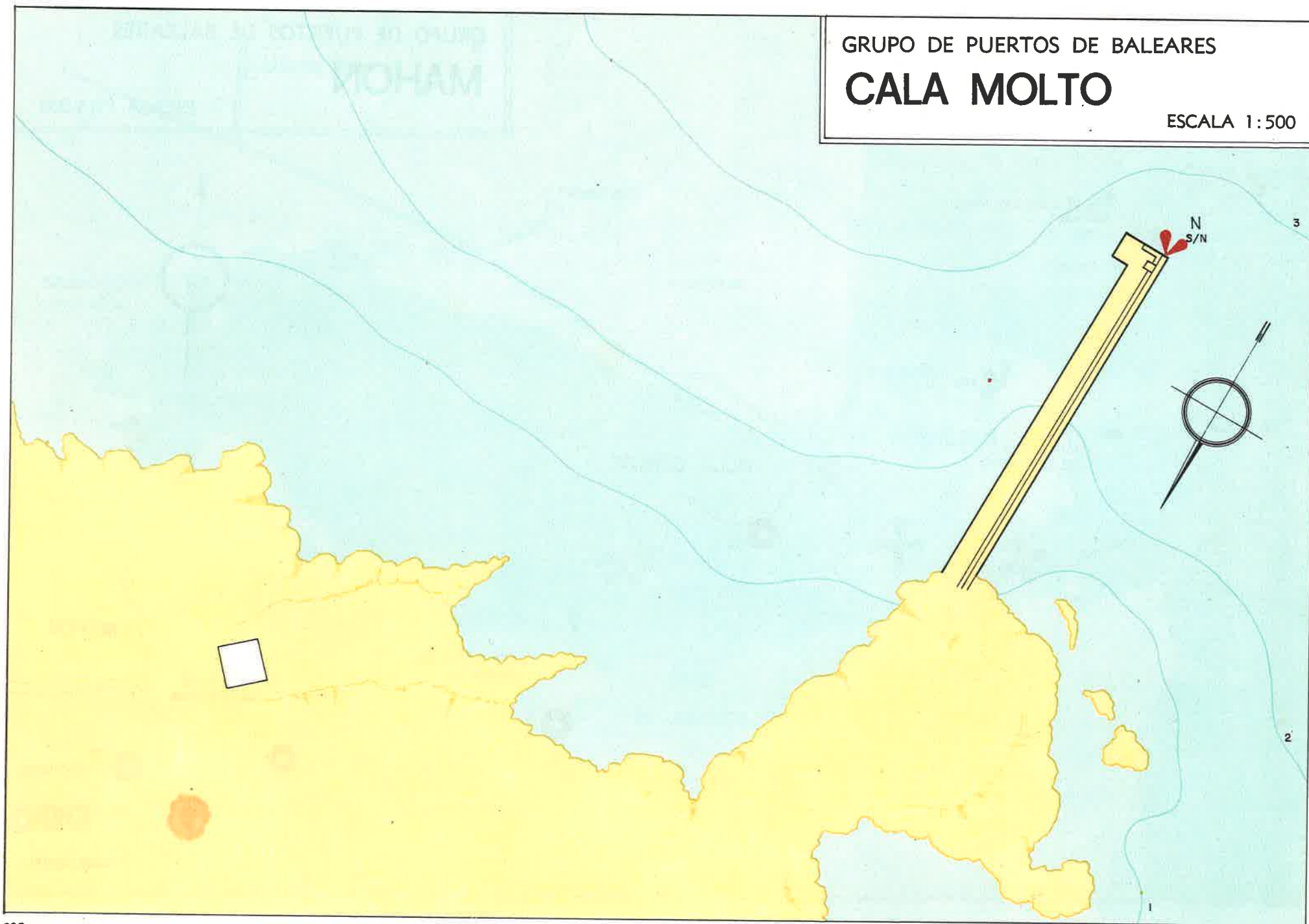
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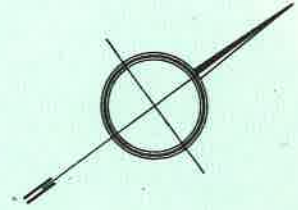
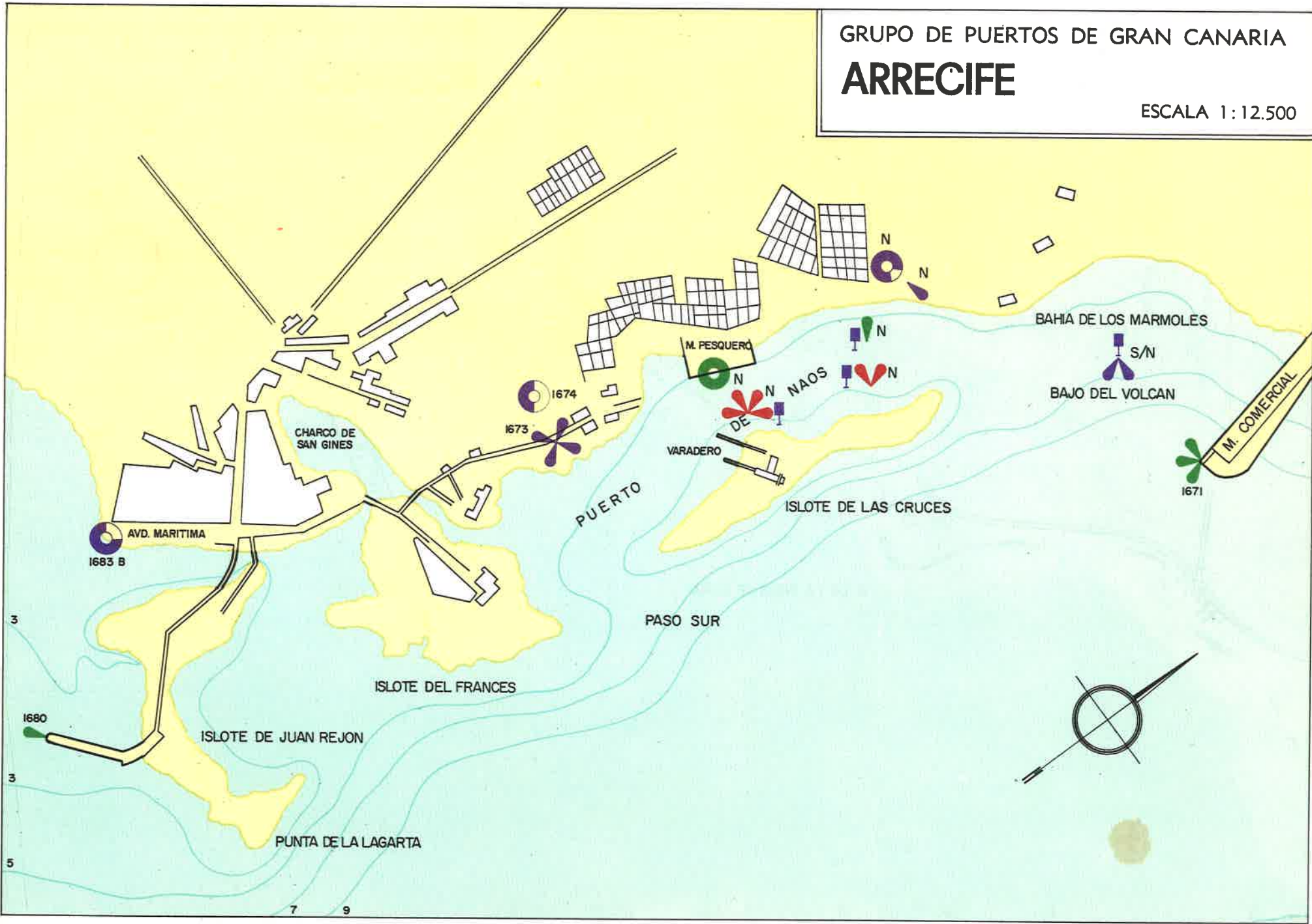
CALA MOLTO

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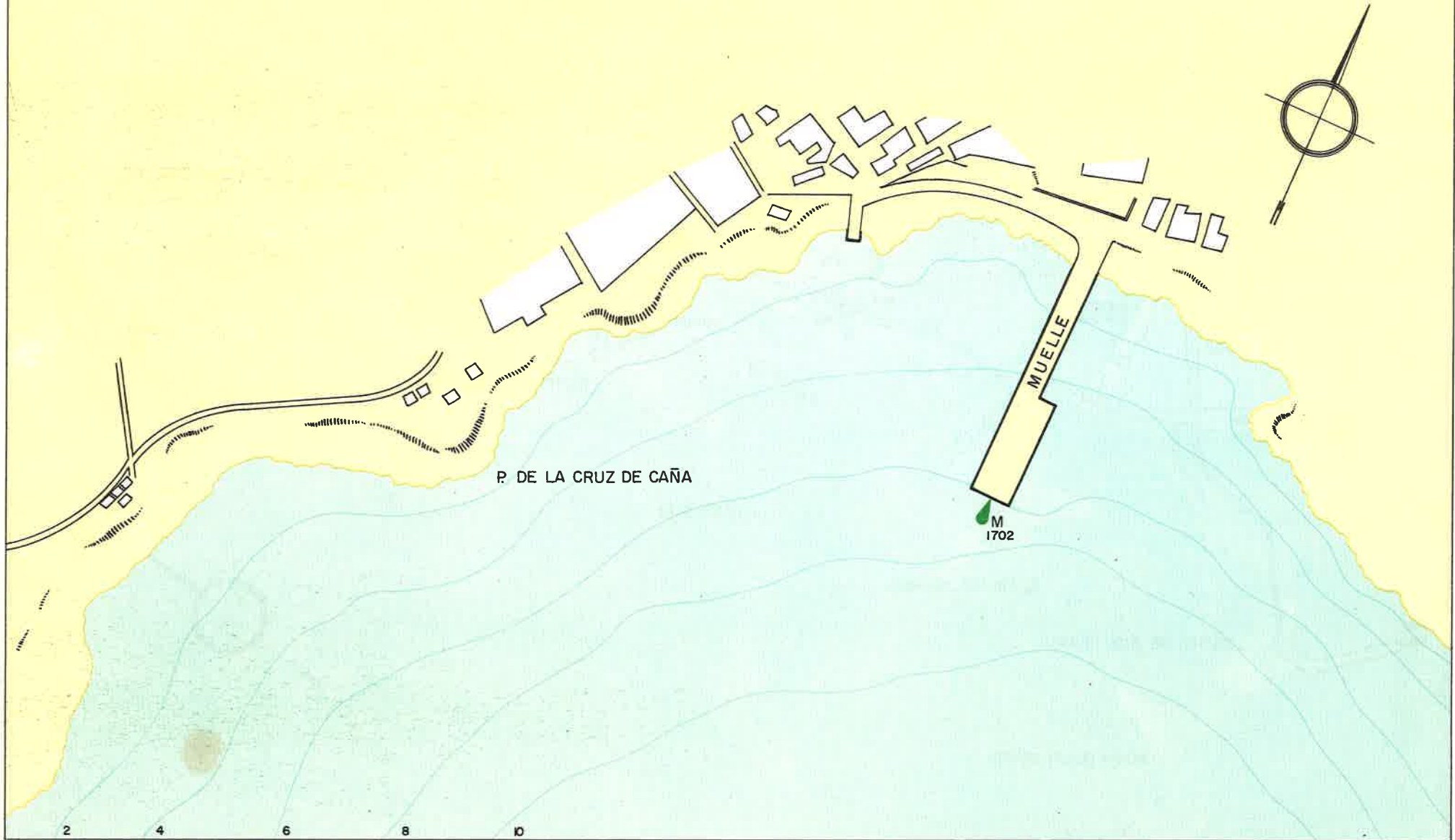
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GRUPO DE PUERTOS DE GRAN CANARIA
ROSARIO

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GRUPO DE PUERTOS DE GRAN CANARIA

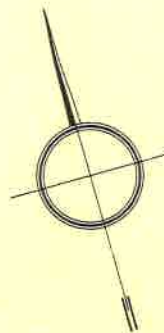
GRAN TARAJAL

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BAJA DE LAS
HERNANDEZ

MUELLE

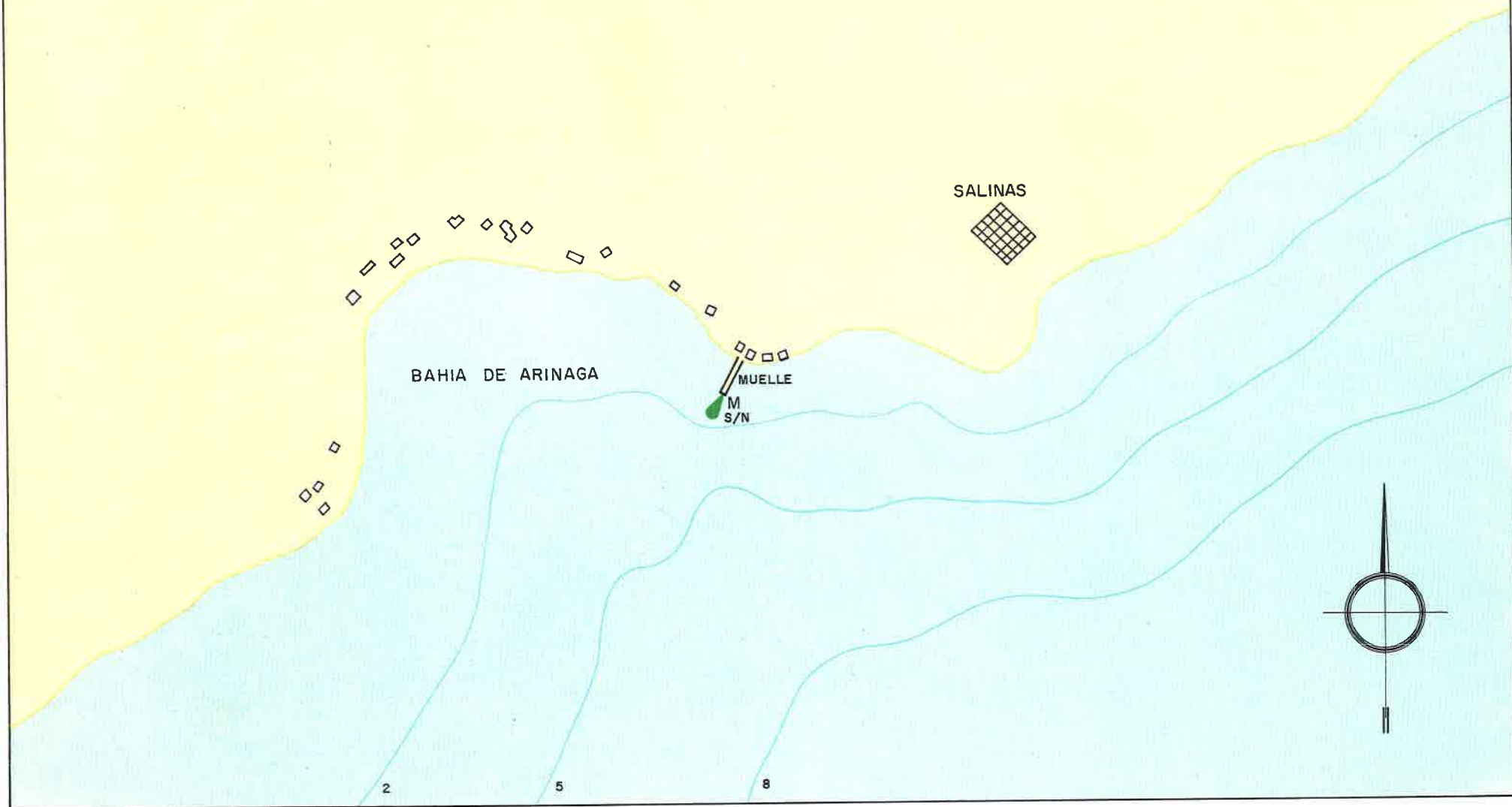
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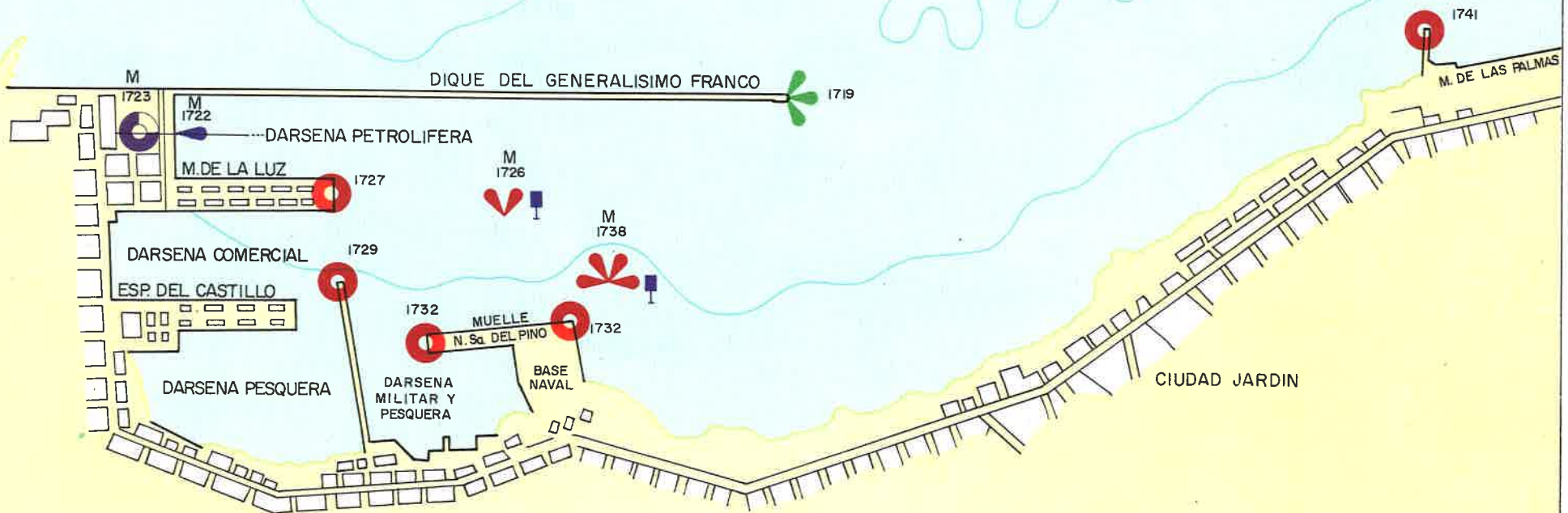
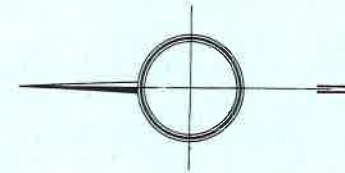
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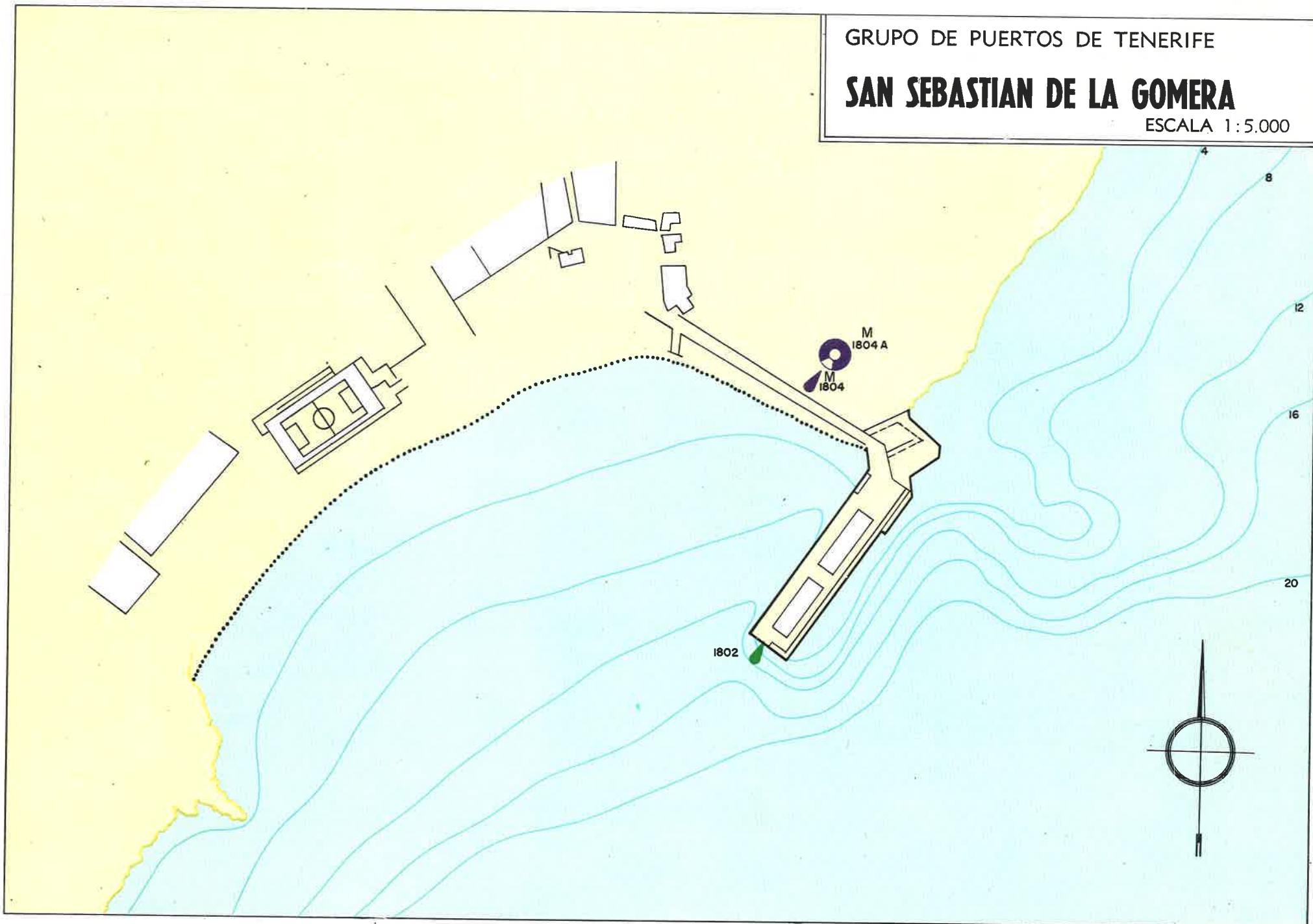
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GRUPO DE PUERTOS DE TENERIFE

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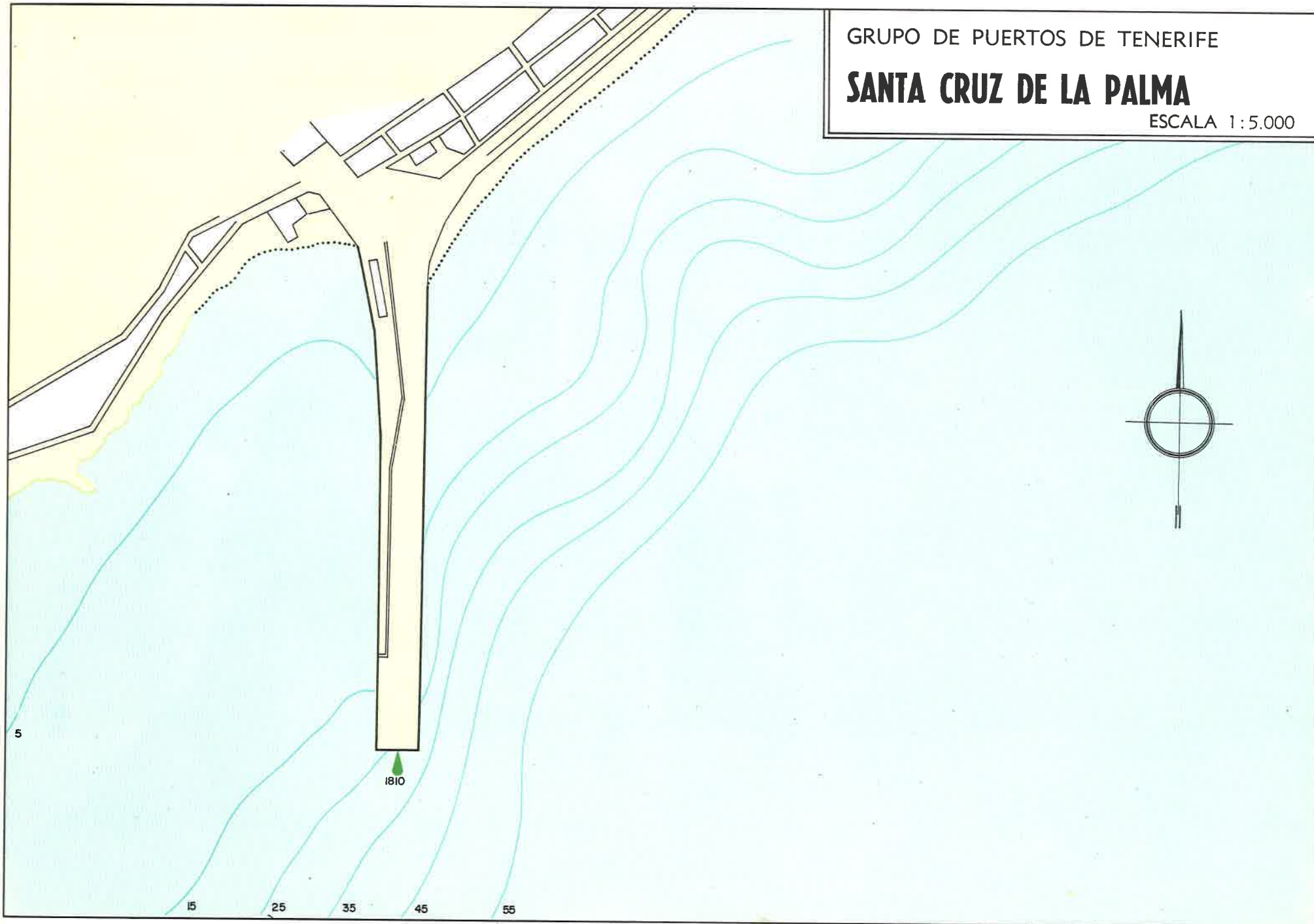
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GRUPO DE PUERTOS DE TENERIFE

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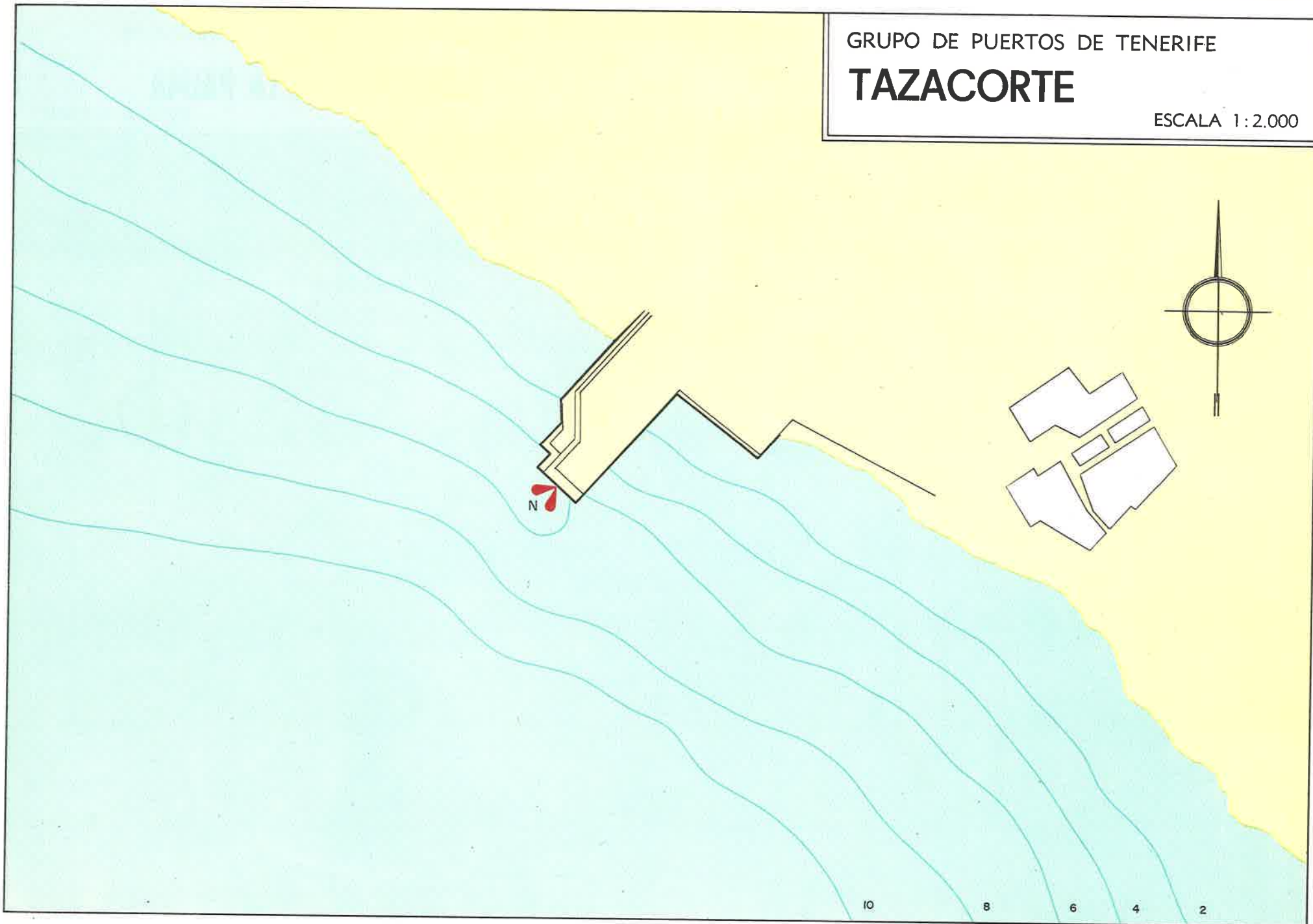
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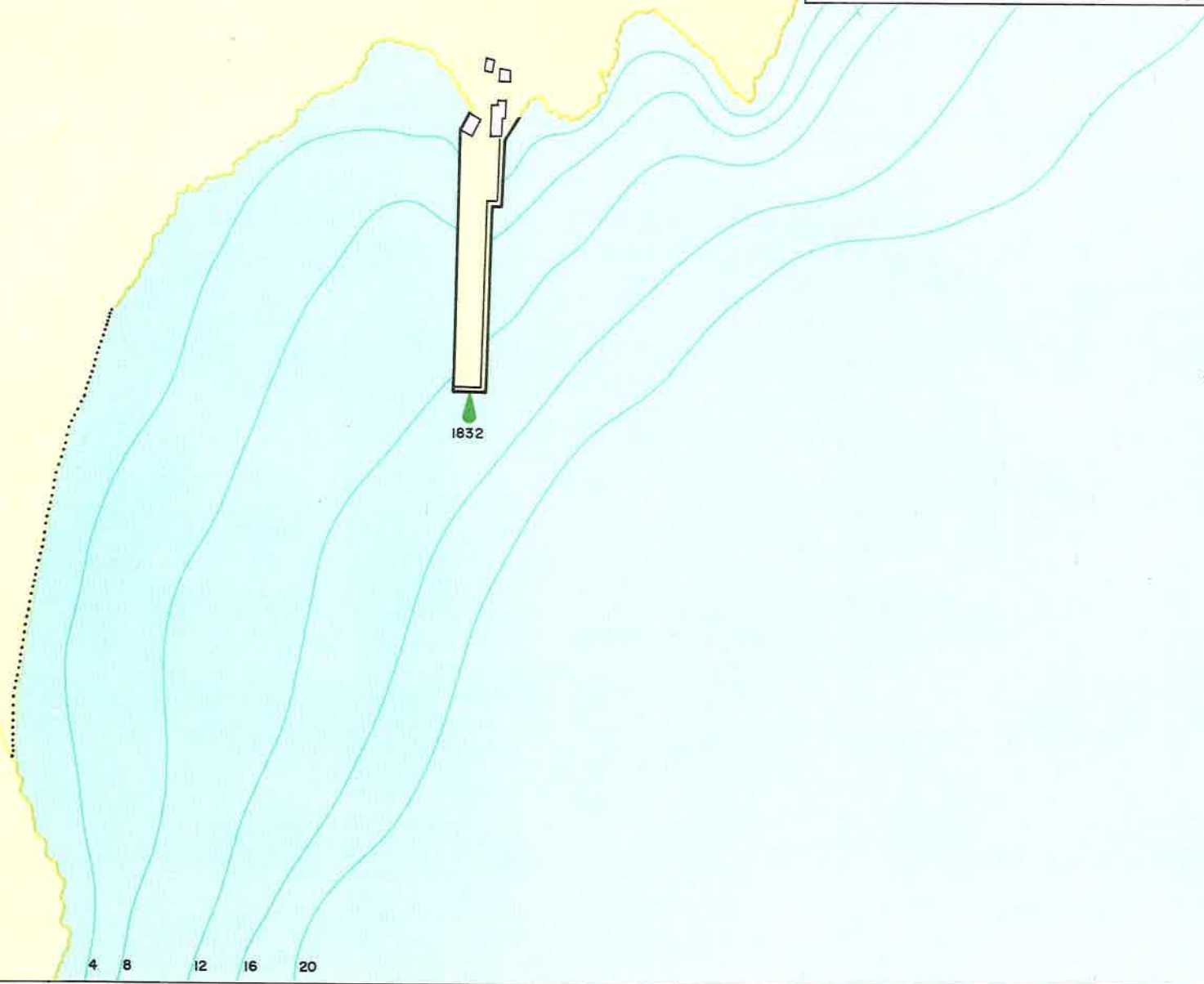
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GRUPO DE PUERTOS DE TENERIFE

LA ESTACA

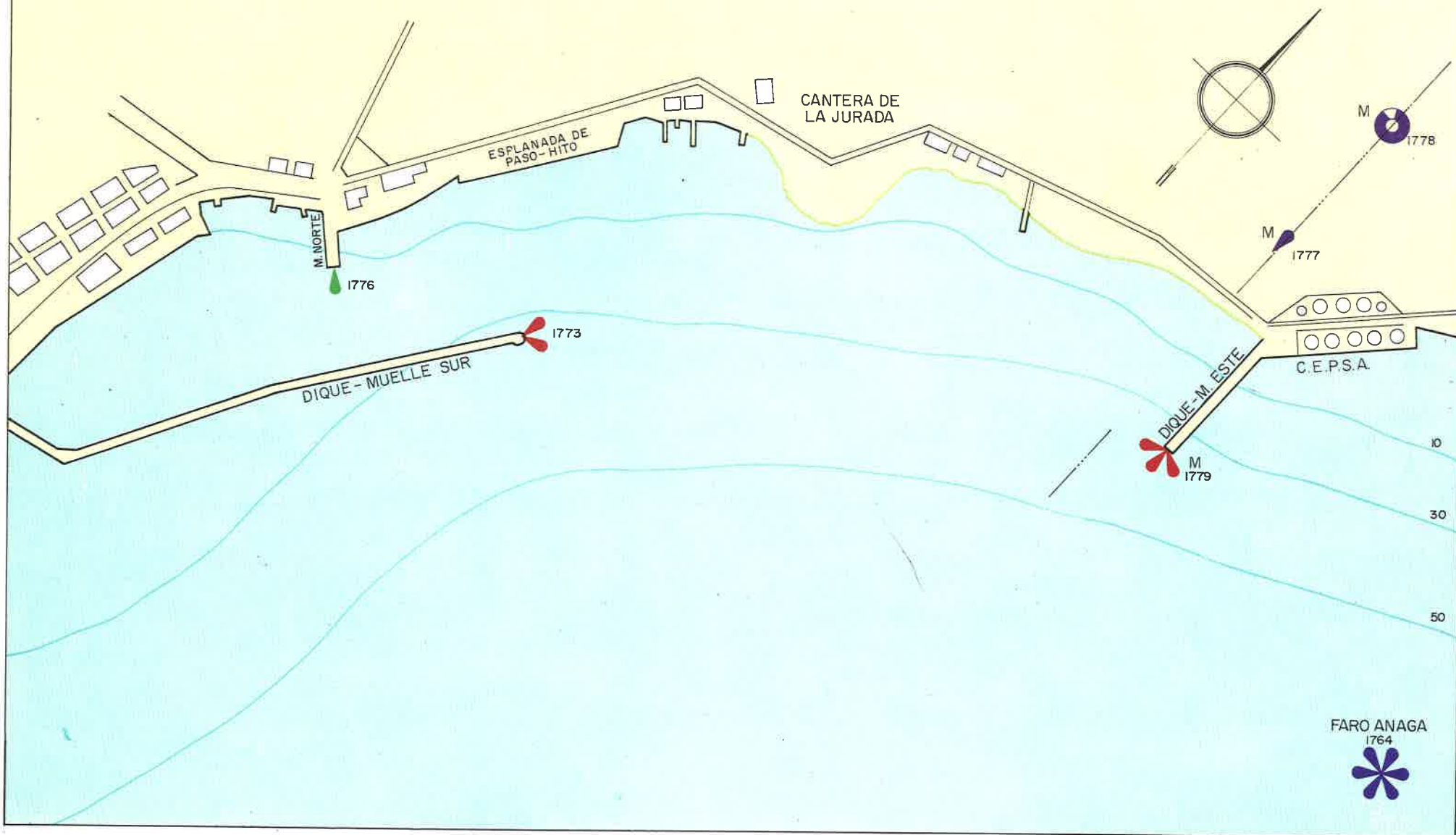
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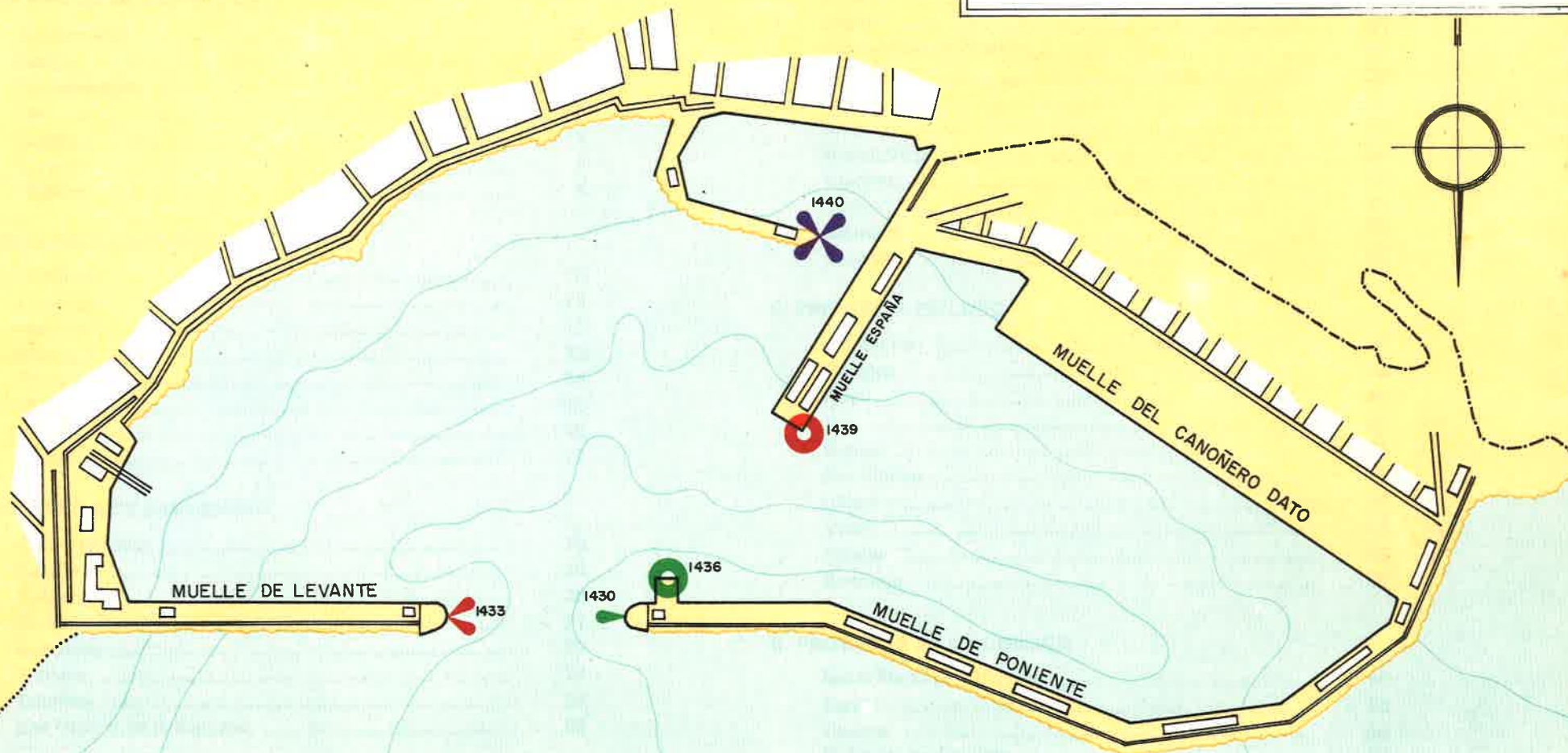
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