



KOREA OCEAN
DEVELOPMENT CO., LTD

KOREA OCEAN
DEVELOPMENT CO., LTD
www.chartkorea.com



FROM PAPER TO DIGITAL

Why **kodco** ?

Since starting to service after being appointed as a nautical publications selling agent of the Korea Hydrographic and Oceanographic Administration of the Ministry of Maritime Affairs and Fisheries in 1973, KODCO has been doing its best in navigation publications and other navigation-related fields until present. KODCO handles all necessary articles, including paper and digital goods, for safe sailing and also has established an international supply chain.

Nautical Charts & Publications

Based on IMO SOLAS Agreement, KODCO has concluded a distributor contract with watercourse department in each country, including UKHO, in order to provide nautical charts and publications required for every ship to set out on scheduled sailing and therefore has established an international supply chain true to its name.

Small Correction

KODCO only supplies the latest nautical charts through small corrections and also provides tracing papers for more convenient and accurate small corrections in a ship.

Ship's Auto Supply System

On the basis of Regulation 20 of Chapter 5 of SOLAS Convention, every ship is required to have the latest nautical charts/guides, list of lights, Notice to Mariners, and tide table and all nautical publications required for sailing shall be of the latest version. Ship's Auto Supply System operates for making nautical publications owned by ships into the latest version and KODCO manages hundreds of ships of major shipping enterprises in and outside of Korea at present and the number of such continues to increase.

Instruments & Equipments

Aiming for supplying the best products for ships' safe sailing since its establishment in 1973, KODCO strictly selects and provides a variety of high quality nautical articles to shipping companies and public offices in and outside of Korea.



ENC EXPERTISE

ENCs Specialty

We handle a wide range of electronic navigation charts and have organized and operate an electronic navigation chart team so as to convert the existing paper navigation charts into electronic ones easily.

Mandatory Carriage of ECDIS

IMO approved a revision of SOLAS Convention that obliged the installation of ECDIS at the 86th MSC General Assembly hosted in June 2009.

In accordance with the revised SOLAS Convention, every liner, oil tanker, and freighter started to install ECDIS according to a sequential schedule from July 2012.

Electronic Navigational Charts

For a smooth supply of electronic navigational charts according to the obliged use of ECDIS in ship, executed in 2012, we only supply official electronic navigational charts, including those issued by the Korea Hydrographic and Oceanographic Administration and those accredited by UKHO.

AVCS (ADMIRALTY Vector Chart Service)

- Global coverage ENC including the whole world
- 100% official ENC, a certificate provided
- Available in every ECDIS

ENCs e-mail Update Service (MPCupdater)

We provide weekly update files for electronic navigational charts and digital publications via email promptly and accurately.

- AVCS Weekly Update
- AIO Weekly Update
- ADP Weekly Update
- e-NP Weekly Update

Korea, Japan ENCs

Digital Publications

We provide various digital publications, including UKHO and IMO, that can substitute for paper publications and satisfy the requirements of SOLAS.

ADP (ADMIRALTY Digital Publications)

- ATT : ADMIRALTY Total Tide
- ADLL : ADMIRALTY Digital List of Lights
- ADRS6 : ADMIRALTY Digital Radio Signals Vol.6
- ADRS2 : ADMIRALTY Digital Radio Signals Vol.2
- ADRS1,3,4,5 : ADMIRALTY Digital Radio Signals Vol.1,3,4,5

e-NP (ADMIRALTY e-Nautical Publications)

- ADMIRALTY Sailing Directions(Pilots)
- ADMIRALTY Mariners Handbook(NP100)
- ADMIRALTY Nautical Almanac(NP314)
- Other ADMIRALTY Nautical Publications

IMO Digital Publications

SOLAS, STCW, SMCP

IMDG Code, GMDSS, IAMSAR Manual

Ship's Routeing, etc..

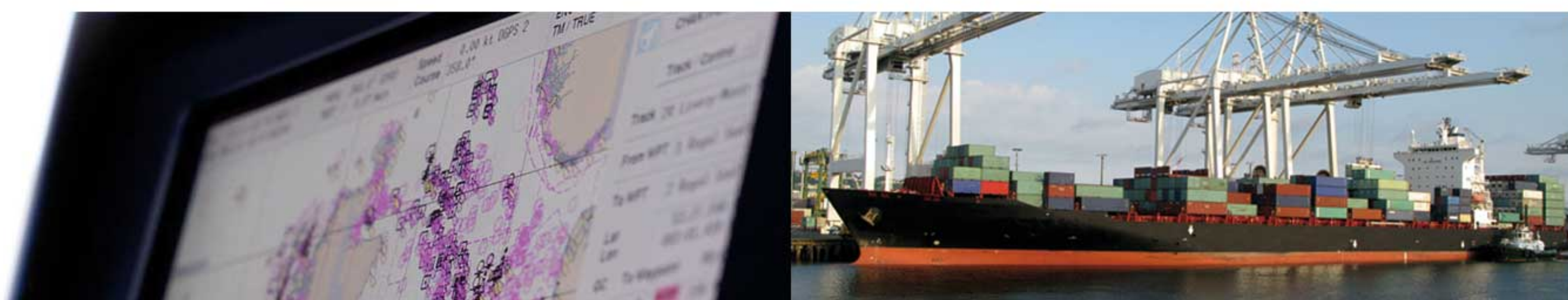
IHS Fairplay

Witherby & SeamanShip

Digital Notices to Mariners (DIGITRACE)

We provide digital Notice to Mariners (Digitrace) service via email in order to provide prompt and reliable data.

- Provision of notice to mariners materials of more than 27 countries, including Korea, BA, US, and Japan
- Provision of a summary of nautical charts and publications for each ship
- Workable only with a PC and a printer (No need for separate equipments)
- Provision of a list of small corrections for testing PSC
- Passing UKHO and other system certification tests



NAVIGATION MADE EASY

Manufacture of Charts

KODCO, as the first agency of KHOA of the Ministry of Maritime Affairs and Fisheries that has registered waterways business (manufacture of nautical charts), has been manufacturing dozens of charts and electronic charts each year since 2001.

Manufacture of electronic and digital charts

We manufacture and support all necessary forms of chart by correcting electronic and digital charts for all coasts in Korea and constructing DB for each object.

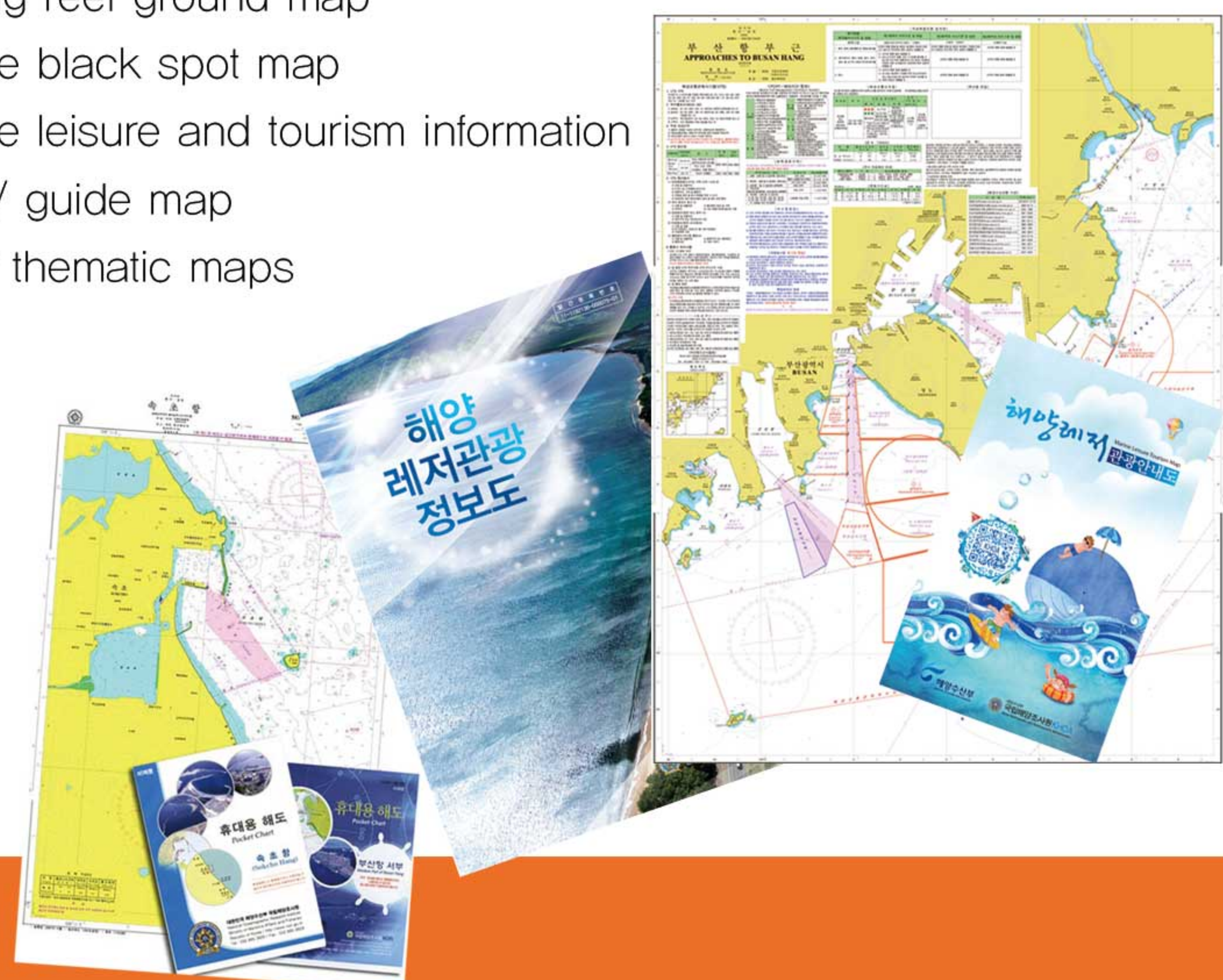
Manufacture of customized nautical publications and Service

We provide a service of manufacturing nautical charts for KHOA and also manufacture and provide customized nautical publications made to the requirements of clients, such as shipping firms, National Federation of Fisheries Cooperatives, and the National Maritime Police Agency. We create the best results of the best quality out of specialized technical skills and knowhow.

Manufacture of various nautical thematic maps

We provide beneficial and necessary information, created in various formats according to different requirements, for people involved in sailing industry and in many related fields.

- Harbor guide map for small vessels
- Yacht & fishing information map
- Trading port dictionary
- Fishing information map
- Portable nautical chart
- Marine traffic information map
- Navigation situation map
- Fisheries agreement waters map
- Fishing reef ground map
- Marine black spot map
- Marine leisure and tourism information map / guide map
- Other thematic maps



SAFETY NAVIGATIONS WITH KODCO

Companion essential for safe sailing

KODCO, aiming for 'safe sailing of ships and the prevention of marine accident' since its establishment in 1973, is growing into the top company specialized in nautical charts and publications by widening its service areas related to the production of waterways publications for sailing, electronic navigational charts (ENCs), electronic nautical publications, digital goods, and nautical charts.

We also prioritize customer satisfaction and perfectly fulfill our duties for more than just safe sailing of ships through accredited products and reliable services based on the cooperation with watercourse departments and maritime institutions in each country.

History

Distribution of nautical charts & publications

1973 Appointed as an agency for the sale of navigational publications issued by KHOA
1975 Concluded a distributor contract on navigational publications issued by NGA
1978 Concluded a distributor contract on navigational publications issued by NOAA
1980 Concluded a distributor contract on navigational publications issued by UKHO
1985 Concluded a distributor contract on navigational publications issued by JCG
1992 Concluded a distributor contract on navigational publications issued by RAN

Distribution of ENCs & digital products

1996 Concluded a distributor contract on ENCs issued by JCG
1997 Concluded a distributor contract on ENCs issued by UKHO
2000 Appointed as an agency for the sale of digital chart products (ENCs) issued by KHOA
2002 Concluded a distributor contract on ENCs of UKHO
2003 Concluded a distributor contract on ENCs of MPA

Distribution of specialized marine affairs books

INTERNATIONAL MARITIME ORGANIZATION (IMO)
INTERNATIONAL TELECOMMUNICATION UNION (ITU)
IHS FAIRPLAY, SHIPPING GUIDES,
ICS/OCIMF/SIGTTO, USCG, BROWNS SON & FERGUSON, GPO,
THE STATIONERY OFFICE – Official Distributor

Nautical chart (ENC) manufacture

2001 Registered nautical business in KHOA (No.1)

Establishment of quality management

ISO 9001:2008 / KS Q ISO 9001:2009
Technically innovational small and medium company
(INNO-BIZ)





[Busan] KODCO B/D, 502, Jungang-daero, Dong-gu, Busan, Korea
T. 051-996-9500 / F. 051-996-9501
[Seoul] Bowoon B/D 7th fl., 349, Cheongpa-ro, Yongsan-gu, Seoul, Korea
T. 02-701-9981 / F. 02-701-9861
WWW.CHARTKOREA.COM / SALES@CHARTKOREA.COM