



National Report of TURKEY for XVth MBSHC Conference

1. Hydrographic Office: General,

NtR

2. Surveys: Coverage of new surveys
New technologies and /or equipment.
New ships
Problems encountered

The information about the coverage of surveys has been sent to Spain on 22 August 2007.

3. Charts and Publications:

a. Charts New charts & updates
ENCs
RNCs
INT charts
National paper charts
Other charts e.g. for pleasure craft
ENC Distribution method
Problems encountered

253 ENC cells are planned and produced for the area of responsibility of TN-ONHO. 206 of them are being distributed by IC-ENC since 11th of February, 2005. 47 ENCs are in validation and quality control process.

The ENC coverage is in Annex 1.

Paper charts listed below have been issued since the XIVth MBSHC Conference.

National No	INT No	Scale	Title
TR 2916			Marmara Denizi Limanları
PLAN A		1 : 7 500	Hereke Limanı
PLAN B		1 : 12 500	Yalova
PLAN C		1 : 3 000	Samanlıdere Balıkçı Barınağı
PLAN D		1 : 2 500	Yalova Şehir İskelesi
PLAN E		1 : 2 000	Yalova Hızlı Feribot İskelesi
TR 2929		1 : 12 500	İstanbul Boğazı Güney Girişi Demir Yerleri
TR 3223		1 : 50 000	Beş Adalar – Üç Adalar
TR 3343		1 : 25 000	İskenderun Körfezi – BOTAŞ

Leisure Charts listed below have been issued since the XIVth MBSHC Conference.

National No	INT No	Scale	Title
3001_1		1 : 300 000	Bodrum Geçidi - Yılandık Adası
3001_2		1 : 100 000	Bodrum Geçidi
3001_3		1 : 100 000	Gökova Körfezi
3001_4		1 : 100 000	Datça Yarımadası
3001_5		1 : 100 000	Hisarönü Körfezi - Marmaris
3001_6		1 : 25 000	Bodrum
PLAN A		1 : 10 000	Bodrum Limanı
3001_7			Akdeniz Liman ve Koyları
PLAN A		1 : 25 000	Datça
PLAN B		1 : 2 500	Datça Limanı
PLAN C		1 : 25 000	Yediadalar
3001_8			Akdeniz Liman ve Koyları
PLAN A		1 : 15 000	Çamlı (Gelibolu) Koyu
PLAN B		1 : 15 000	Değirmenbükü Koyu
PLAN C		1 : 25 000	Bördübet Koyu
3001_9		1 : 25 000	Hisarönü Körfezi
3001_10		1 : 25 000	Yeşilova Körfezi
3001_11		1 : 25 000	Marmaris
3002_1		1 : 300 000	Yılandık Adası - Finike
3002_3		1 : 100 000	Yediburunlar - Kalkan
3002_6		1 : 25 000	Göcek
PLAN A		1 : 12 500	Göcek Limanı
3002_7		1 : 25 000	Fethiye
3002_8			Akdeniz Liman ve Koyları
PLAN A		1 : 20 000	Gemiler Adası - Ölüdeniz
PLAN B		1 : 5 000	Kalkan Balıkçı Barınağı
PLAN C		1 : 7 500	Finike Yat Limanı
3002_9		1 : 15 000	Kaş - Bucak Denizi
PLAN A		1 : 5 000	Kaş Limanı
3002_10		1 : 25 000	Geyikova Adası
2004_1		1 : 300 000	Dilek Geçidi - Bodrum Geçidi
2004_2		1 : 100 000	Dilek Yarımadası - Nisos Samos
2004_3		1 : 100 000	Deringöl Geçidi - Akbük Koyu
2004_4		1 : 100 000	Güllük Körfezi
2004_5		1 : 50 000	Dilek Geçidi
PLAN A		1 : 25 000	Bayrak Adası
2004_6		1 : 25 000	Akbük Limanı
2004_7		1 : 25 000	Panayır Adası
2004_8		1 : 25 000	Kazıklı Limanı
2004_9		1 : 25 000	Güllük Limanı
2004_10		1 : 25 000	Marata Burnu - Salih Adası
2004_11		1 : 25 000	Salih Adası - Kızıl Burun
2004_12		1 : 25 000	Kızıl Burun - Tilkick Burnu
2004_13		1 : 25 000	İnce Burun - Gökçe Burun
2004_14		1 : 25 000	Gökçe Burun - Kadıkalesi Koyu

b. Publications

New publications
Updated publications
Means of delivery e.g. paper, digital
Problems encountered

New publications

Type	Title
MIS	<i>Turkish Straits Navigation Guide 2007</i>
MIS	<i>Annual Notice To Mariners 2005</i>
MIS	<i>Annual Notice To Mariners 2006</i>

Updated publications

Type	Title
MIS	<i>Turkish Lights and Fog Signals List 2005</i>
MIS	<i>Turkish Lights and Fog Signals List 2007</i>

MIS : miscellaneous

4. MSI

Existing infrastructure for transmission
New infrastructure in accordance with GMDSS Master Plan
Problems encountered

Establishment of VTS systems is underway in the Gulf of Izmit, the Gulf of Izmir, the Gulf of Iskenderun, the Port of Mersin and the Port of Aliaga/Nemrut in order to control and coordinate the vessel traffic and to improve the safety of navigation in accordance with national and international rules and regulations.

AIS Base Station was established in Ankara in July 2007, 25 AIS coast stations are established along Turkish coasts and 2 in Turkish Republic of Northern Cyprus. Work is still underway for access of various user groups, such as Coast Guard or web users, to the system.

5. Capacity Building

Offer of and/or demand for Capacity Building

Training received, needed, offered
Status of national, bilateral, multilateral or regional development projects with hydrographic component. (In progress, planned, under evaluation or study)

TN-DNHO printed 42 Azerbaijani Nautical Charts in 2005.

An officer graduated from University of Southern Mississippi with a MSc degree in Hydrography in 2006.

Seven hydrographers (including two Azerbaijani officers) completed the Hydrographic Course organized by TN-ONHO between October 2006 and March 2007.

A national working group is established in 2007 to work on hydrography education issues and national regulations for hydrographic surveying and charting .

AML production and hydrographic database management and production tools were purchased in 2007.

6. S-55 Latest update

TN-ONHO supplied the latest update for S-55 on 22 August 2007.

7. Oceanographic activities General
 GEBCO/IBC's activities
 Tide gauge network
 New equipment
 Problems encountered

Seasonal oceanographic surveys for monitoring the variability of currents in the Turkish Straits have been conducted. A new oceanographic atlas is going to be published using the data collected from these surveys.

Three tide gauge stations along Strait of Istanbul, which are operated by TN-ONHO, are being modified to add new sensors (to measure air pressure and sea temperature) and to gain real time data transfer capability via internet.

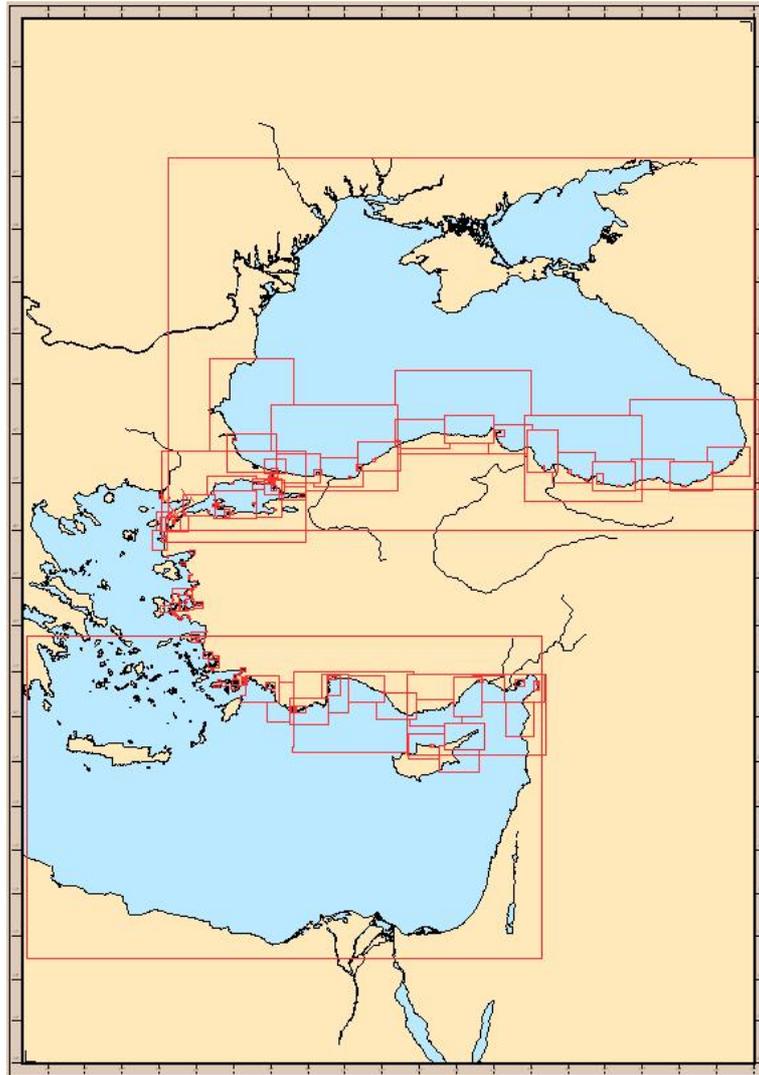
Regular oceanographic CTD surveys have been conducted in the area of responsibility of TN-ONHO.

8. Conclusions

NtR



Ahmet TÜRKER
Captain (PhD)
Head of Technical Department
Office of Navigation, Hydrography and Oceanography



Simplified scheme representing coverage of Turkish ENCs in distribution.