

8TH WEND COMMITTEE MEETING
Tokyo, Japan, 5-6 March 2004

PROPOSED WAY AHEAD FOR ENC COVERAGE

**PROPOSED PRODUCTION PLAN FOR SMALL SCALE
ELECTRONIC NAVIGATIONAL CHARTS (ENC)**
(WEND Task Group and IHB)

1. STANDARD LETTER ADDRESSED TO ALL RHC CHAIRPERSONS

For the attention of (RHC Chair)

19 February 2004
Our ref. HA317/010/033-01

Dear ...,

Strategy for a World ENC

As you know, the IHO is committed to making WEND a success. To this end it established a Task Group (TG) to look at ways of speeding up the production and distribution of ENCs, to co-ordinate the work described in WEND CL 2/2003 and to report on its progress at the next WEND Committee Meeting in Tokyo (5-6 March 2004).

At the 2nd Meeting of the WEND TG on 3 December 2003, its members recognised that the timescale was short for RHC Chairs and their nominated WEND TG representatives to complete all of the work referred to in the CL.

In order for the TG to demonstrate real progress at the WEND meeting in Tokyo, members of the TG were asked to develop proposals for small-scale ENC production in each of the RHC areas. Attached is a proposal for the RHC region for which you are the Chairman. The proposed scheme is based on the production of ENCs from INT charts. The scheme takes account of ENCs that are known to already have been produced and, where appropriate, information on major shipping routes has been taken from the ABN.AMRO World Shipping Map.

I would be very grateful if you would consider adopting the proposal for small-scale ENCs within your region.

Please do not hesitate to contact me if I can be of further help.

Best regards

Dr Peter Wright

Secretary of the WEND Task Group

IHB Note : Attached to the above letters to RHC Chairpersons were specific proposals for small-scale ENC production in each of the RHC areas, signed by Dr Wright, as Secretary of WEND TG and UKHO Head of International Relations. They are reproduced below.

2. AREA COVERED BY THE EAST ASIA HYDROGRAPHIC COMMISSION (EAHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- a. Overview (< 1:1,499,999)
- b. General (1:350,000 – 1:1,149,999)
- c. Coastal (1:90,000 – 1:349,999)
- d. Approaches (1:22,000 – 1:89,999)
- e. Harbour (1:4,000 – 1:21,999)
- f. Berthing (>1:4,000)

Production Plan

Please note:

1. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
2. Data in ENC in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
3. Areas of commercially available ENC coverage are shown in Blue on the graphic at Annex A. (This information has been obtained from the IC-ENC World Catalogue (correct to 15 January 2004) which is sourced from ENC producer websites).
- 4
 - a. The ENC coverage of the NE portion of the EAHC region should be contained within the USHC production plan.
 - b. The ENC coverage of the SW portion of the EAHC region is contained in the NIOHC production plan.
5. INT Charts for which the UK has been designated the Producer Nation are shown in red on Annex A. These charts have been identified in this proposal because they are at a better (larger) scale than the ENC coverage currently available (see 2. above).
6. In order to speed up the production of ENCs in this region, the UKHO would be willing to produce ENCs of INT charts for other nations and ENCs from other UK charts where the limits of these charts are identical to those in the INT series. These cells would be handed over to the Producer Nations when they have the capability to maintain them.

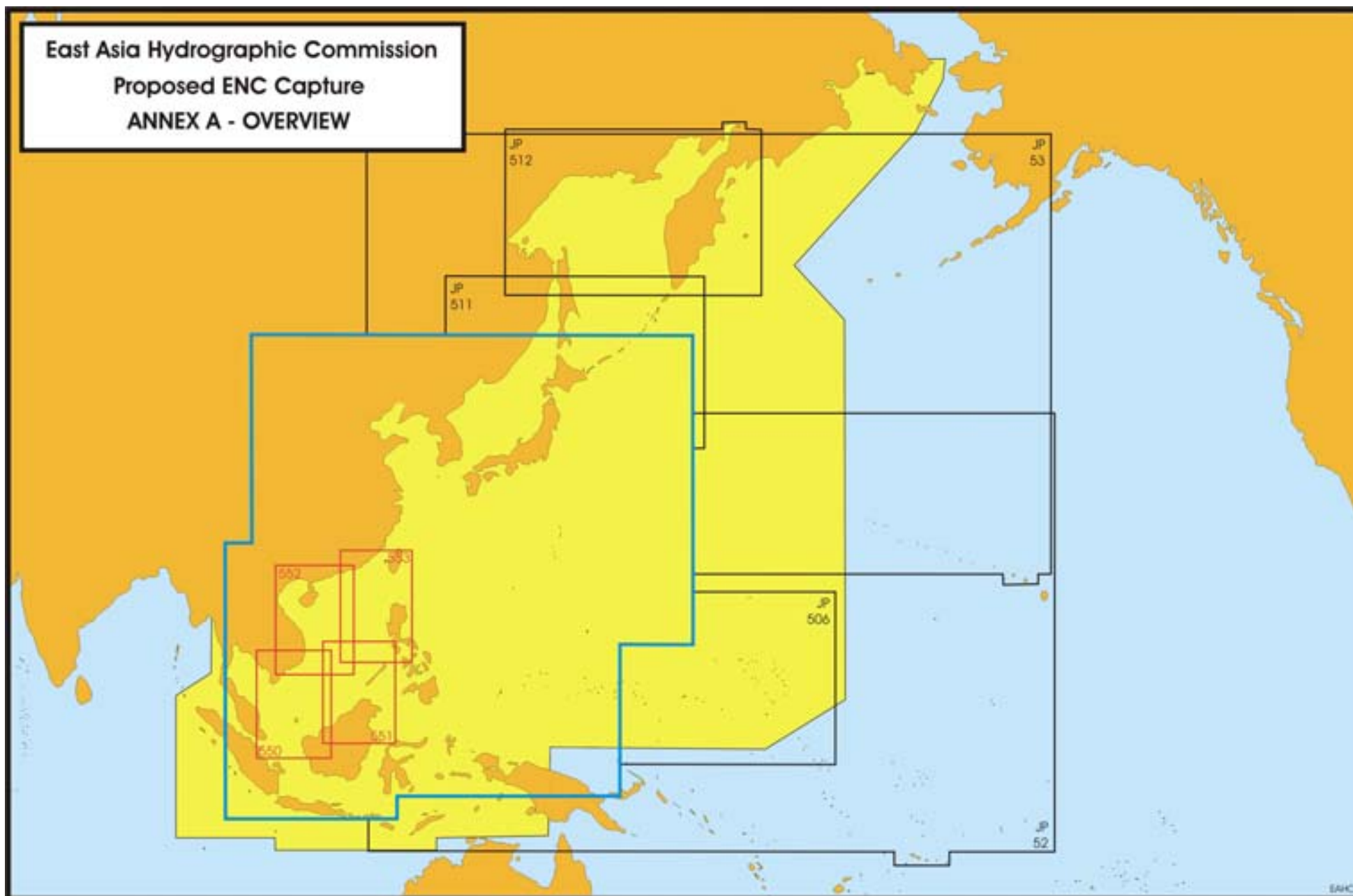
LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
52	4052	North Pacific Ocean – South Western Part	1:10,000,000	Japan
53	4053	North Pacific Ocean – North Western Part	1:10,000,000	Japan
550	3482	Singapore Strait to Song Sai Gon	1:1,500,000	United Kingdom
551	3483	Mindoro Strait to Luconia Shoals and Selet Makasar	1:1,500,000	United Kingdom
552	3488	Song Sai Gon to Hong Kong	1:1,500,000	United Kingdom
553	3489	Manila to Hong Kong	1:1,500,000	United Kingdom
506	4506	Mariana Islands to The Gilbert Group	1:3,500,000	Japan
511	4511	Northern Portion of Japan	1:3,500,000	Japan
512	4512	Sea of Okhotsk	1:3,500,000	Japan

East Asia Hydrographic Commission
Proposed ENC Capture
ANNEX A - OVERVIEW



3. AREA COVERED BY THE MESO AMERICAN AND CARIBBEAN SEA HYDROGRAPHIC COMMISSION (MACHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- g. Overview (< 1:1,499,999)
- h. General (1:350,000 – 1:1,149,999)
- i. Coastal (1:90,000 – 1:349,999)
- j. Approaches (1:22,000 – 1:89,999)
- k. Harbour (1:4,000 – 1:21,999)
- l. Berthing (>1:4,000)

Production Plan

Please note:

- 4. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
- 5. Charts shown in *italic* in the accompanying tables are based on the paper chart INT scheme proposals approved at the 5th Meeting of CGMHC (now MACHC) in November 2002.
- 6. Data in ENCs in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
- 7. INT Chart 400 (1:4,250,000) will not be captured as the majority of the Chart is covered by INT Charts 401 and 402 (1:2,750,000).
- 8. INT Charts 401 & 402 (BA 4401 & 4402 @ 1:2,750,000) shown in Blue on Annex A are currently being captured to provide initial coverage in the Overview Usage band of the Caribbean. On release of the ENC cells proposed in this table at 1:1,000,000 both these ENC Cells will be withdrawn.
- 9. Charts in the UK national series which conform to INT specifications and scheme limits and for which the UK has been designated the Producer Nation are shown in red on the graphic at Annex B. The UK is currently in the process of producing ENCs of these charts.
- 10. In order to speed up the production of ENCs in this region, the UKHO would be willing to produce ENCs of INT charts for other nations and ENCs from other UK charts where the limits of these charts are identical to those in the INT series. These cells would be handed over to the Producer Nations when they have the capability to maintain them.

LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
401	4401	Gulf of Mexico	1:2,750,000	USA (NGA)
402	4402	Caribbean Sea	1:2,750,000	NETHERLANDS
811	4811	Mexico to Ecuador	1:3,500,000	USA (NGA)
7473			1:1,000,000	FRANCE
7474			1:1,000,000	FRANCE
7475			1:1,000,000	FRANCE
7476			1:1,000,000	FRANCE
7477			1:1,000,000	FRANCE
Chart A			1:1,000,000	UK / CUBA *
Chart B			1:1,000,000	MEXICO / CUBA *
Chart C			1:1,000,000	MEXICO *
Chart D			1:1,000,000	USA (NGA) *
Chart E			1:1,000,000	USA (NGA) *

* To be confirmed

GENERAL Usage Band

The cell limits are shown at Annex B

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
4100-G ¹			1:300,000	VENEZUELA
4102-E ²			1:300,000	VENEZUELA / UK
4104-F ³	2191	Morro De Puerto Santo to Cabo Codera including the Outlying Islands	1:300,000	VENEZUELA
4106	2192	Cabo Codera to Punta Aguide including the Outlying Islands	1:300,000	VENEZUELA
4108	2193	Punta San Juan to Punta Macolla including Bonaire, Curacao and Aruba	1:3,000,000	VENEZUELA
4110	2194	Punta Macolla to Punta Gallinas including Golfo De Venezuela	1:300,000	VENEZUELA
4112			1:200,000	VENEZUELA
4114	2195	Punta Gallinas to Bahia De Santa Marta	1:300,000	COLOMBIA
4116			1:300,000	COLOMBIA
4118			1:300,000	COLOMBIA
4118A			1:300,000	COLOMBIA
4120			1:400,000	PANAMA / UK
4122			1:400,000	COLOMBIA
4124			1:400,000	COLOMBIA
4126			1:400,000	COLOMBIA
4128			1:500,000	UK
4132			1:500,000	UK
4134			1:500,000	CUBA / MEXICO
4138			1:500,000	MEXICO
4140			1:500,000	MEXICO
4142			1:500,000	MEXICO
4144			1:500,000	MEXICO
4145			1:300,000	USA (NOAA)

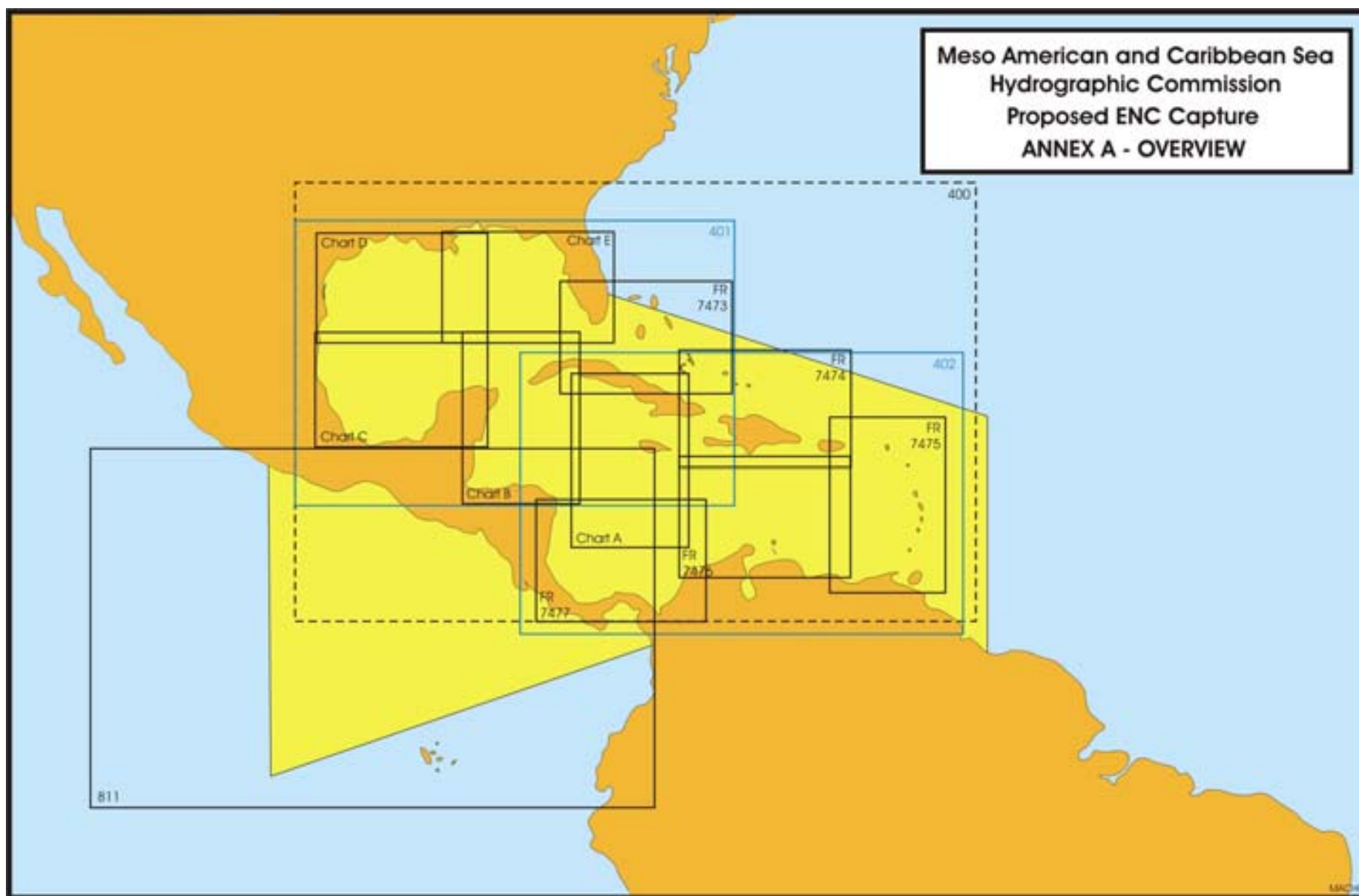
¹ The G designation for Chart 4100 relates to INT-B scheme revision by UK and France of the original Chart 4100 limits

² The E designation for Chart 4102 relates to INT-B scheme revision by UK and France of the original Chart 4102 limits

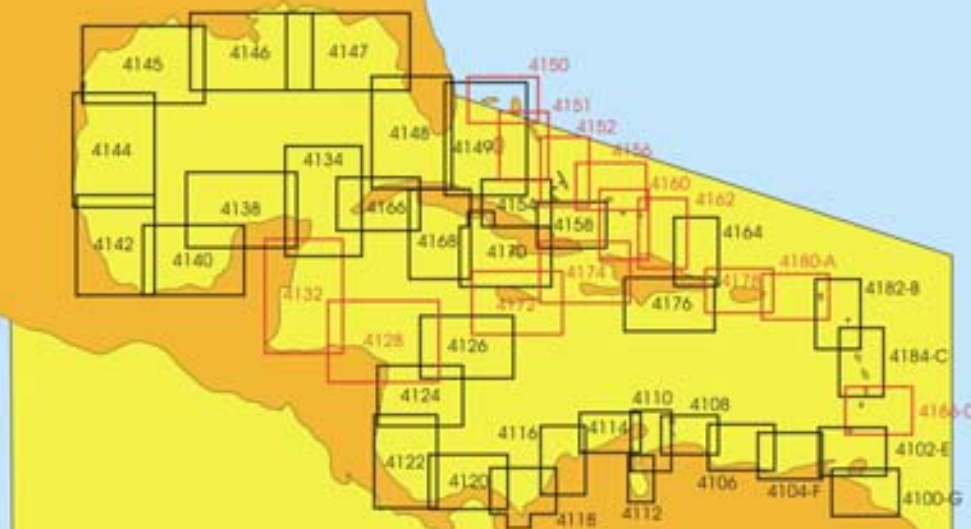
³ The F designation for Chart 4104 relates to INT-B scheme revision by UK and France, but the original 4104 limits have been retained

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
4146			1:300,000	USA (NOAA)
4147			1:500,000	USA (NOAA)
4148			1:500,000	USA (NOAA)
4149			1:500,000	CUBA
4150	3910	Little Bahama Bank including North West Providence Channel	1:300,000	UK
4151	3912	North East Providence Channel and Tongue of The Ocean	1:500,000	UK
4152	3913	Crooked Island Passage and Exuma Sound	1:300,000	UK
4154			1:500,000	CUBA
4156	3914	Caicos Passage and Mayaguana Passage	1:300,000	UK
4158			1:300,000	CUBA
4160	3907	Passages between Mayaguana Island and Turks and Caicos Islands including Northern Approaches to Haiti and Dominican Republic	1:300,000	UK
4162	3908	Passages between Turks and Caicos Islands and Dominican Republic	1:300,000	UK
4164			1:300,000	UK
4166			1:400,000	CUBA
4168			1:400,000	UK
4170			1:400,000	CUBA
4172	3936	Approaches to Jamaica	1:400,000	UK
4174	3935	Windward Passage and Southern Approaches	1:400,000	UK
4176			1:400,000	USA (NGA) / UK
4178			1:400,000	USA (NOAA)
4180-A			1:300,000	UK
4182-B	1025	Anguilla to Guadeloupe	1:300,000	FRANCE
4184-C			1:300,000	FRANCE
4186-D			1:300,000	UK

Meso American and Caribbean Sea
Hydrographic Commission
Proposed ENC Capture
ANNEX A - OVERVIEW



Meso American and Caribbean Sea
Hydrographic Commission
Proposed ENC Capture
ANNEX B - GENERAL



4. AREA COVERED BY THE MEDITERRANEAN & BLACK SEA HYDROGRAPHIC COMMISSION (MBSHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

Overview (< 1:1,499,999)

General (1:350,000 – 1:1,149,999)

Coastal (1:90,000 – 1:349,999)

Approaches (1:22,000 – 1:89,999)

Harbour (1:4,000 – 1:21,999)

Berthing (>1:4,000 not currently produced by the United Kingdom Hydrographic Office (UKHO))

Production Plan

Please note:

The production plan is based on the capture of INT charts of appropriate scales.

It is proposed that the INT charts listed below are not included in the Overview Usage Band because the areas they cover are completely covered by charts at a larger scale within the scale range for this Usage Band.

INT Chart No.	Chart No.	Chart Title	Scale	Producer Nation
300	4300	Mediterranean and Black Seas	1:4,200,000	Italy
302	4302	Mediterranean Sea – Eastern Part	1:2,250,000	Italy
301	4301	Mediterranean Sea – Western Part	1:2,250,000	Italy

ENC capture is based on the best scale and New Edition date of the published INT chart within the same Usage Band. For this reason some of the charts identified will be only partially captured.

INT charts for which the UK is the producer nation are shown as shaded on Annex A.

Other INT charts for which the UK is the producer nation which could be used to populate cells in the General to Harbours Usage Bands are shown in Annexes B, C & D.

The UKHO would be pleased to assist other producer nations with the production of ENCs.

LIST OF CHARTS**OVERVIEW Usage Band**

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
303	ES4C	Mar del Alboran y Mar Balear	<i>1:1,100,000</i>	Spain
304	FR7014	Des Iles Baleares a la Corse et a la Sardaigne	<i>1:1,100,000</i>	France
305	IT434	Mar Ligure – Mar Tirreno – Stretto di Sicilia	<i>1:1,100,000</i>	Italy
306	IT435	Dal Mare Adriatico al Mare Ionio	<i>1:1,100,000</i>	Italy
307	BA176	Cap Bon to Ra's At Tin	<i>1:1,175,000</i>	United Kingdom
308	TR30	Akdeniz, Iskendrun - Derna	<i>1:1,102,000</i>	Turkey
309	GR109	Ionian & Aigio Seas – Stretto di Messina to Marmara Denizi	<i>1:1,175,000</i>	Greece
310	TR10	Karadeniz	<i>1:1,200,000</i>	Turkey

UKHO GENERAL Usage Band

The cell limits are shown at Annex B

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
3216	3403	Cap Afrique to Misratah	<i>1:500,000</i>	United Kingdom
3504	3400	Ra's al Muraysah to El Iskandariya Mersa Matruh	<i>1:500,000</i>	United Kingdom
3508	3401	Banghazi to Ra's al Muraysah Darnah	<i>1:500,000</i>	United Kingdom
3512	3402	Misratah to Banghazi Misratah (Qasr Ahmad)	<i>1:500,000</i>	United Kingdom

UKHO COASTAL Usage Band

The cell limits are shown at Annex C

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
3681	1591	Ports on the Coast of Israel – Tel Aviv to Ashqelon	<i>1:100,000</i>	United Kingdom
3500	2573	El-Burullus to El 'Arish	<i>1:300,000</i>	United Kingdom
3502	2574	Ras el Dab'a to Masabb Dumyat (Damietta Mouth)	<i>1:300,000</i>	United Kingdom
3550	2578	Mina Dumyat (Damietta Port) to Bur Sa'id (Port Said)	<i>1:100,000</i>	United Kingdom

APPROACHES Usage Band

The cell limits are shown at Annex D

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
3216	3403	Cap Afrique to Misratah	<i>1:30,000</i>	United Kingdom
3216	3403	Cap Afrique to Misratah	<i>1:40,000</i>	United Kingdom
3216	3403	Cap Afrique to Misratah	<i>1:25,000</i>	United Kingdom
3680	1585	Hefa (Haifa) and Approaches	<i>1:70,000</i>	United Kingdom

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
3550	2578	Mina Dumyat	<i>1:35,000</i>	United Kingdom
3512	3402	Misratah to Banghazi Misratah (Qasr Ahmad)	<i>1:30,000</i>	United Kingdom
3551	234	Approaches to Bur Said (Port Said)	<i>1:50,000</i>	United Kingdom
3553	302	Approaches to Iskandariya (Alexandria)	<i>1:27,500</i>	United Kingdom
3681	1591	Hadera	<i>1:25,000</i>	United Kingdom
3681	1591	Tel Aviv-Yafo	<i>1:25,000</i>	United Kingdom
3681	1591	Ashdod	<i>1:25,000</i>	United Kingdom
3681	1591	Ashqelon	<i>1:25,000</i>	United Kingdom

HARBOURS Usage Band

The cell limits are shown at Annex D

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
3680	1585	Hefa (Haifa)	<i>1:20,000</i>	United Kingdom
3500	2573	El 'Arish Harbour	<i>1:7,500</i>	United Kingdom
3554	3119	Mina El Iskandariya (Port of Alexandria)	<i>1:12,500</i>	United Kingdom
3504	3400	Ra's al Muraysah to El Iskandariya Mersa Matruh	<i>1:20,000</i>	United Kingdom
3508	3401	Banghazi to Ra's al Muraysah Darnah	<i>1:15,000</i>	United Kingdom
3551	234	Bur Said (Port Said)	<i>1:12,500</i>	United Kingdom

5. AREA COVERED BY THE NORTH INDIAN OCEAN HYDROGRAPHIC COMMISSION (NIOHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- m. Overview (< 1:1,499,999)
- n. General (1:350,000 – 1:1,149,999)
- o. Coastal (1:90,000 – 1:349,999)
- p. Approaches (1:22,000 – 1:89,999)
- q. Harbour (1:4,000 – 1:21,999)
- r. Berthing (>1:4,000)

Production Plan

Please note:

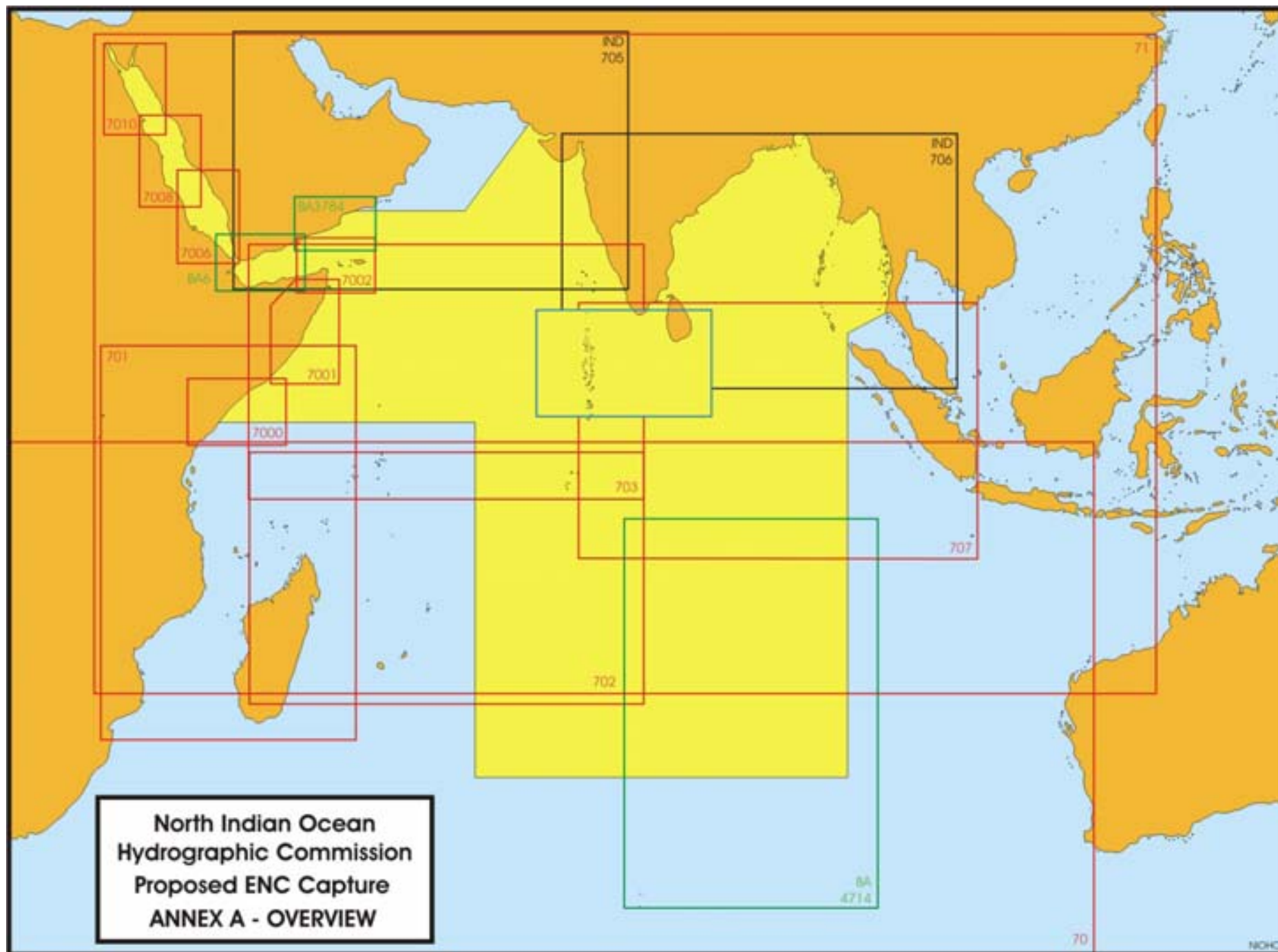
11. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
12. Data in ENCs in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
13. Areas of commercially available ENC coverage are shown in Blue on the graphic at Annex A. (This information has been obtained from the IC-ENC World Catalogue (correct to 15 January 2004) which is sourced from ENC producer websites).
14. INT Charts for which the UK has been designated the Producer Nation are shown in Red on Annex A. The UK is currently in the process of producing ENCs of these charts.
15. INT Charts 73 and 704 have not been identified in this plan as their areas of coverage are included on other INT Charts of a similar or better scale (see 2. above).
16. BA Charts 6, 3784 and 4714 have been included in this plan to improve ENC coverage (these charts are shown in Green).
17. In order to speed up the production of ENCs in this region, the UKHO would be willing to produce ENCs of INT charts for other nations and ENCs from other UK charts where the limits of these charts are identical to those in the INT series. These cells would be handed over to the Producer Nations when they have the capability to maintain them.

LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
7010	159	Red Sea - Suez (El Suweis) to Berenice	1:750,000	United Kingdom
7008	158	Red Sea - Berenice to Masamirit	1:750,000	United Kingdom
7006	157	Red Sea - Masamirit to Bab el Mandeb	1:750,000	United Kingdom
7002	2970	Somalia and Yemen - Eastern Approaches to the Gulf of Aden	1:750,000	United Kingdom
7001	2969	Africa - East Coast - Cadale (Itala) to Raas Xaafuun	1:1,000,000	United Kingdom
7000	2968	Africa - East Coast - Lamu to Cadale (Itala)	1:1,000,000	United Kingdom
705	4705	Indian Ocean - Arabian Sea	1:3,500,000	India
706	4706	Indian Ocean - Bay of Bengal	1:3,500,000	India
707	4707	Indian Ocean - Maldives to Sumatera	1:3,500,000	United Kingdom
701	4701	Indian Ocean - Maputo to Muqdisho	1:3,500,000	United Kingdom
702	4702	Indian Ocean - Chagos Archipelago to Madagascar	1:3,500,000	United Kingdom
703	4703	Indian Ocean - Gulf of Aden to the Maldives and Seychelles Group	1:3,500,000	United Kingdom
70	4070	Indian Ocean Southern Part	1:10,000,000	United Kingdom
71	4071	Indian Ocean Northern Part	1:10,000,000	United Kingdom
	6	Gulf of Aden	1:750,000	
	3784	Arabia South-East Coast - Ra's Al Kalb to Ra's Marbat	1:750,000	
	4714	Cocos (Keeling) Islands to Ile St Paul	1:3,500,000	



6. AREA COVERED BY THE NORTH SEA HYDROGRAPHIC COMMISSION (NSHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- s. Overview (< 1:1,499,999)
- t. General (1:350,000 – 1:1,149,999)
- u. Coastal (1:90,000 – 1:349,999)
- v. Approaches (1:22,000 – 1:89,999)
- w. Harbour (1:4,000 – 1:21,999)
- x. Berthing (>1:4,000)

Production Plan

Please note:

18. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
19. Data in ENCs in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
20. Areas of commercially available ENC coverage are shown in Blue on the graphic at Annex A. (This information has been obtained from the IC-ENC World Catalogue (correct to 15 January 2004) which is sourced from ENC producer websites).
21. Existing UK ENC coverage has been captured up to an agreed limit (for ENC Data capture purposes only) the ENC coverage outside of this limit requiring capture is shown in Green on Annex A.
22. INT Charts for which the UK has been designated the Producer Nation are shown in red on Annex A.
23. In order to speed up the production of ENCs in this region, the UKHO would be willing to produce ENCs of INT charts for other nations and ENCs from other UK charts where the limits of these charts are identical to those in the INT series. These cells would be handed over to the Producer Nations when they have the capability to maintain them.

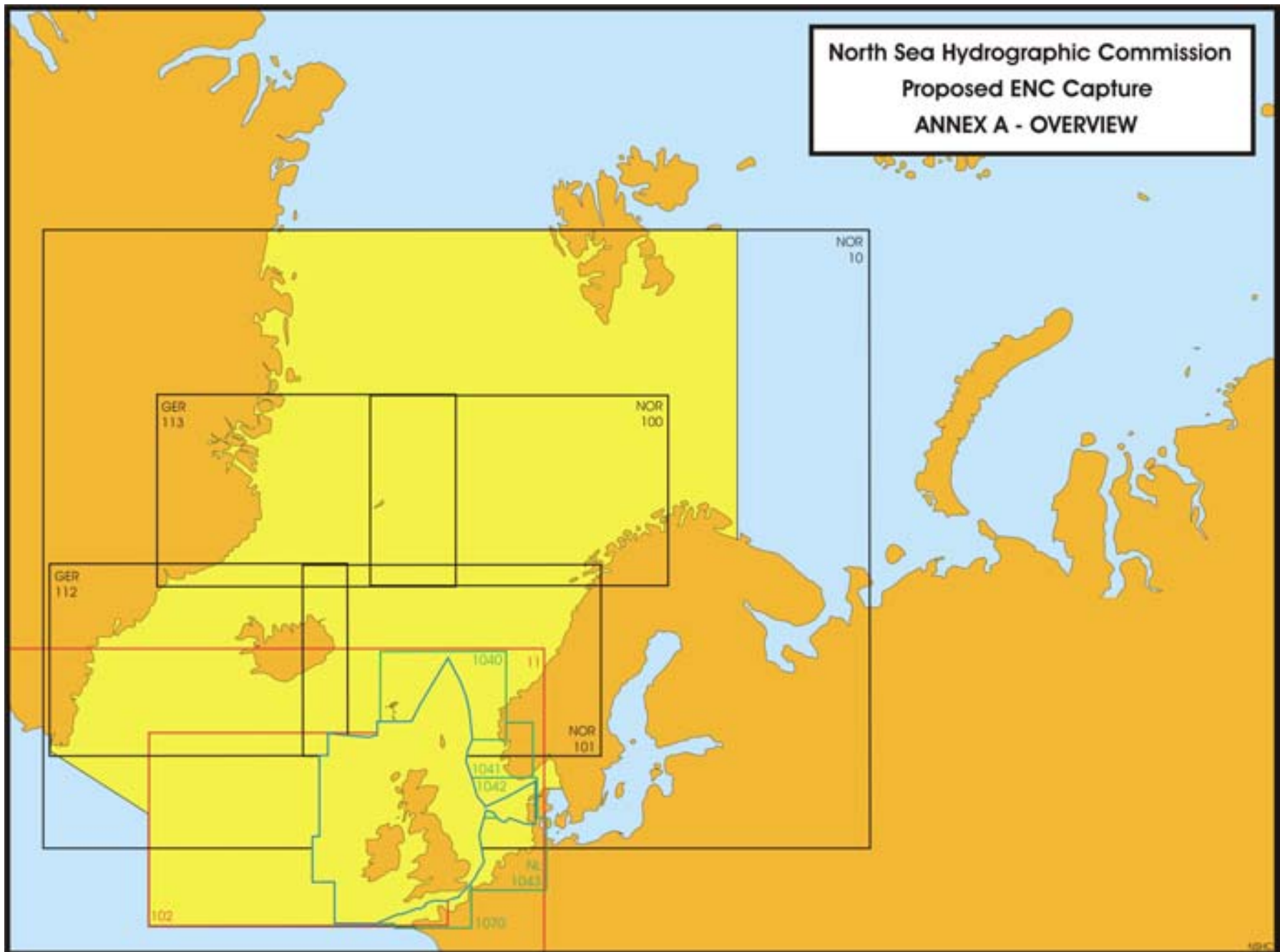
LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
10	4010	Norwegian Sea and adjacent seas	1:10,000,000	NORWAY
11	4011	North Atlantic Ocean – Northern Part	1:10,000,000	UNITED KINGDOM
100	4100	Norwegian Sea – Norway to Jan Mayen	1:3,500,000	NORWAY
101	4101	Norwegian Sea – Norway to Iceland	1:3,500,000	NORWAY
102	4102	Western Approaches to The British Isles	1:3,500,000	UNITED KINGDOM
112	4112	Iceland to Greenland	1:3,500,000	GERMANY
113	4113	Greenland and Norwegian Seas	1:3,500,000	GERMANY
1040	2182D	Norwegian Sea – Foroyar to Bergen	1:750,000	UNITED KINGDOM
1041	2182C	North Sea – Northern Sheet	1:750,000	UNITED KINGDOM
1042	2182B	North Sea – Central Sheet	1:750,000	UNITED KINGDOM
1043	2182A	North Sea – Southern Sheet	1:750,000	NETHERLANDS
1070	2675	English Channel	1:500,000	UNITED KINGDOM

North Sea Hydrographic Commission
Proposed ENC Capture
ANNEX A - OVERVIEW



7. AREA COVERED BY THE ROPME SEA AREA HYDROGRAPHIC COMMISSION (RSAHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- y. Overview (< 1:1,499,999)
- z. General (1:350,000 – 1:1,149,999)
- aa. Coastal (1:90,000 – 1:349,999)
- bb. Approaches (1:22,000 – 1:89,999)
- cc. Harbour (1:4,000 – 1:21,999)
- dd. Berthing (>1:4,000)

Production Plan

Please note:

- 24. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
- 25. There is only one INT chart in the Overview and General Usage Bands covering the ROPME Sea Area (shown on Annex A & B); BA charts have been included in these proposals to enhance ENC coverage of these bands.
- 26. ENC capture is based on the best scale and New Edition date of the published INT chart within the same Usage Band. For this reason some of the charts identified will be only partially captured.
- 27. INT charts for which the UK is the producer nation are shown as shaded on Annex A.
- 28. Other INT charts for which the UK is the producer nation which could be used to populate cells in the Coastal to Harbours Usage Bands are shown in Annexes C to E.
- 29. The UKHO would be pleased to assist other producer nations with the production of ENCs.

LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
7019	38	Karachi to Ra's al Hadd	1:750,00	United Kingdom
	2851	Masirah to the Strait of Hormuz	1:750,00	Not INT Chart
	2847	Qatar to Shatt al Arab	1:750,00	Not INT Chart
	2837	Strait of Hormuz to Qatar	1:750,00	Not INT Chart
71	4071	Indian Ocean Northern Part (Included in NIOHC Proposal)	1:10,000,000	United Kingdom

GENERAL Usage Band

The cell limits are shown at Annex B

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
	2884	Kalat and Ra's Al Khafji to Abadan	1:350,00	Not INT Chart
	2882	Ra's Tannurah to Jazirat Faylakah and Jazireh-ye Khark	1:350,00	Not INT Chart
	2883	Jazireh-ye Lavan to Kalat and Ra's Tannurah	1:350,00	Not INT Chart
	2886	Jazireh-ye Lavan and Jazirat Das to Ra's Tannurah	1:350,00	Not INT Chart
	2887	Dubayy and Jazirat-ye Qeshm to Jazirat Halul	1:350,00	Not INT Chart
	2888	Jask to Dubayy and Jazireh-ye Qeshm	1:350,00	Not INT Chart
	2889	Dubai (Dubayy) to Jabal az Zannah and Jazirat Das	1:350,00	Not INT Chart

COASTAL Usage Band

The cell limits are shown at Annex C

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
7019	38	Gwadar	1:125,000	United Kingdom
7019	38	Pasni	1:200,000	United Kingdom
7019	38	Ormara	1:125,000	United Kingdom

APPROACHES Usage Band

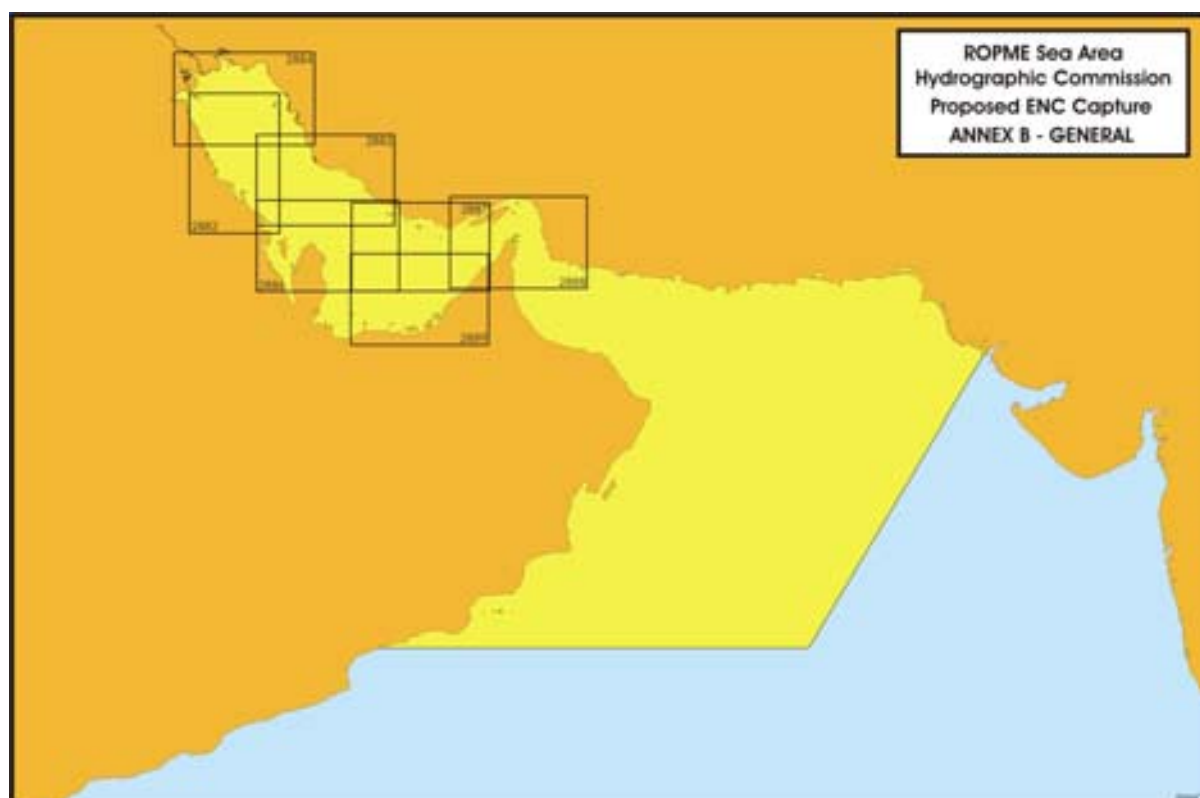
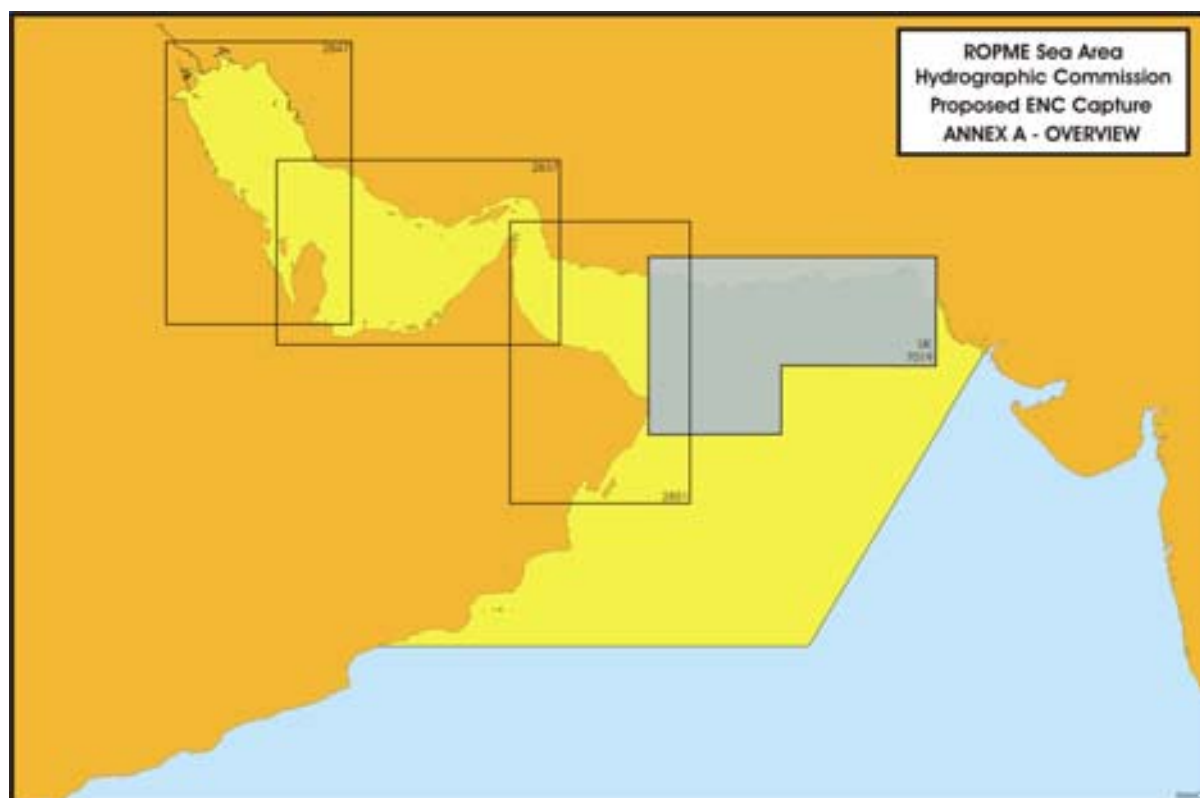
The cell limits are shown at Annexes D & E

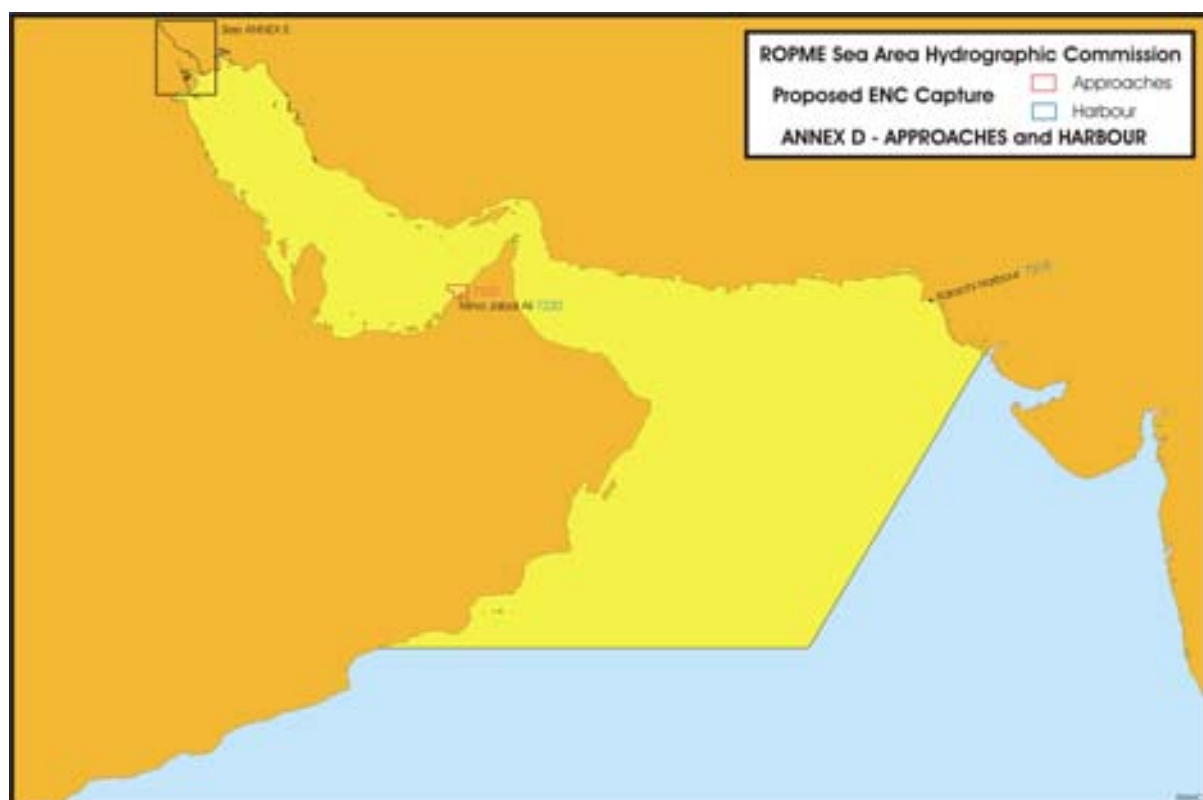
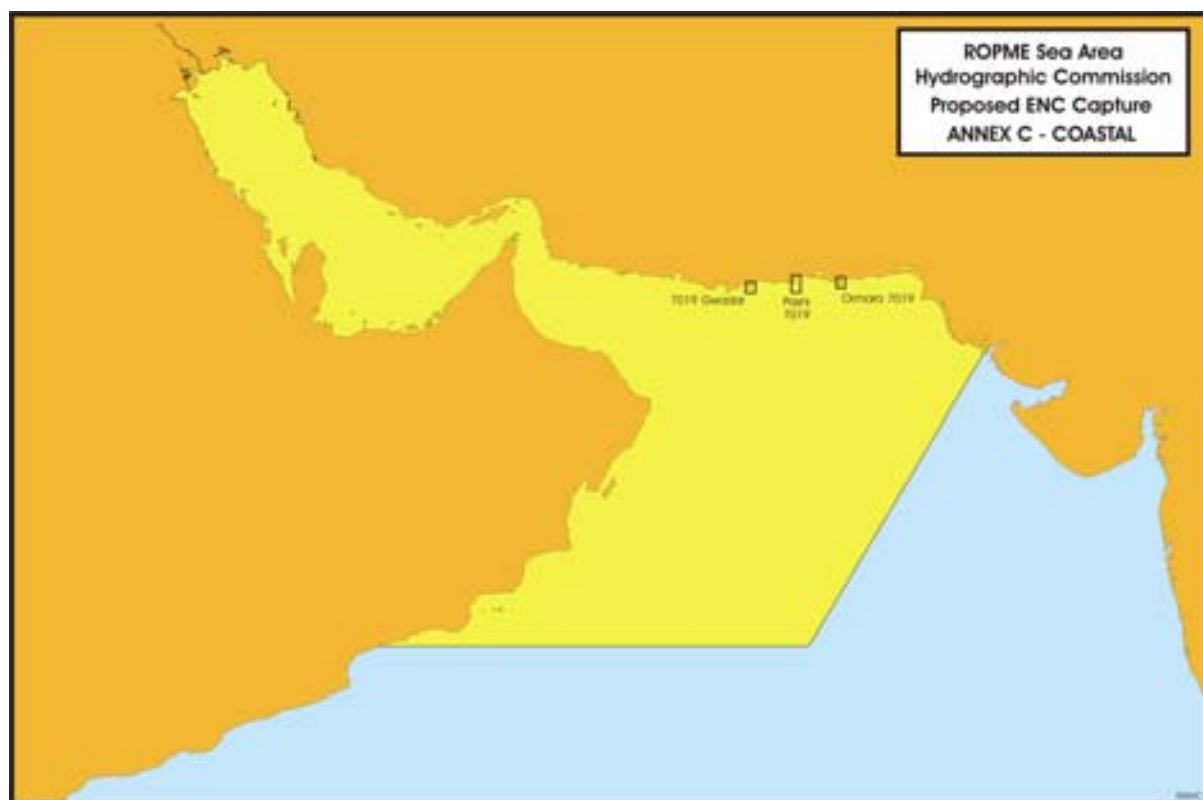
INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
7269	3846	Shatt al Arab – Jazirat Umm at Tuwaylah to al Ma`qil	1:25,000	United Kingdom
7245	3845	Shatt al Arab – Abadan to Jazirat Umm at Tuwaylah	1:25,000	United Kingdom
7294	3844	Shatt al Arab – Kabda Point to Abadan	1:25,000	United Kingdom
7293	3843	Shatt al Arab – Inner Bar to Kabda Point	1:25,000	United Kingdom
7292	3842	Entrance to Shatt al Arab	1:25,000	United Kingdom
7220	3739	Mina Jabal Ali (Jebel Ali) and Approaches	1:50,000	United Kingdom

HARBOURS Usage Band

The cell limits are shown at Annexes D & E

INT Chart No.	BA Chart No.	Title	Scale	Producer Nation
7269	3846	Shatt al Arab – Al `Ashshar and Ma`qil	1:12,500	United Kingdom
7245	3845	Shatt al Arab – Karun Bar	1:12,500	United Kingdom
7294	3844	Shatt al Arab – Abadan	1:12,500	United Kingdom
7315	40	Karachi Harbour	1:12,500	United Kingdom
7220	3739	Mina Jabal Ali (Jebel Ali)	1:17,500	United Kingdom





ROPME Sea Area Hydrographic Commission

Proposed ENC Capture

Approaches

Harbour

ANNEX E - APPROACHES and HARBOUR



8. AREA COVERED BY THE SOUTH EAST PACIFIC HYDROGRAPHIC COMMISSION (SEPHC)

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- ee. Overview (< 1:1,499,999)
- ff. General (1:350,000 – 1:1,149,999)
- gg. Coastal (1:90,000 – 1:349,999)
- hh. Approaches (1:22,000 – 1:89,999)
- ii. Harbour (1:4,000 – 1:21,999)
- jj. Berthing (>1:4,000)

Production Plan

Please note:

- 30. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
- 31. Data in ENCs in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
- 32. Current information indicates that the INT charts within the SEPHC region are not yet commercially available as ENCs. The UKHO would be pleased to produce these charts as ENCs and release the cells to the Producer Nations when they have the capability to maintain them.
- 33. There are no INT charts that could be captured for the General Usage band.

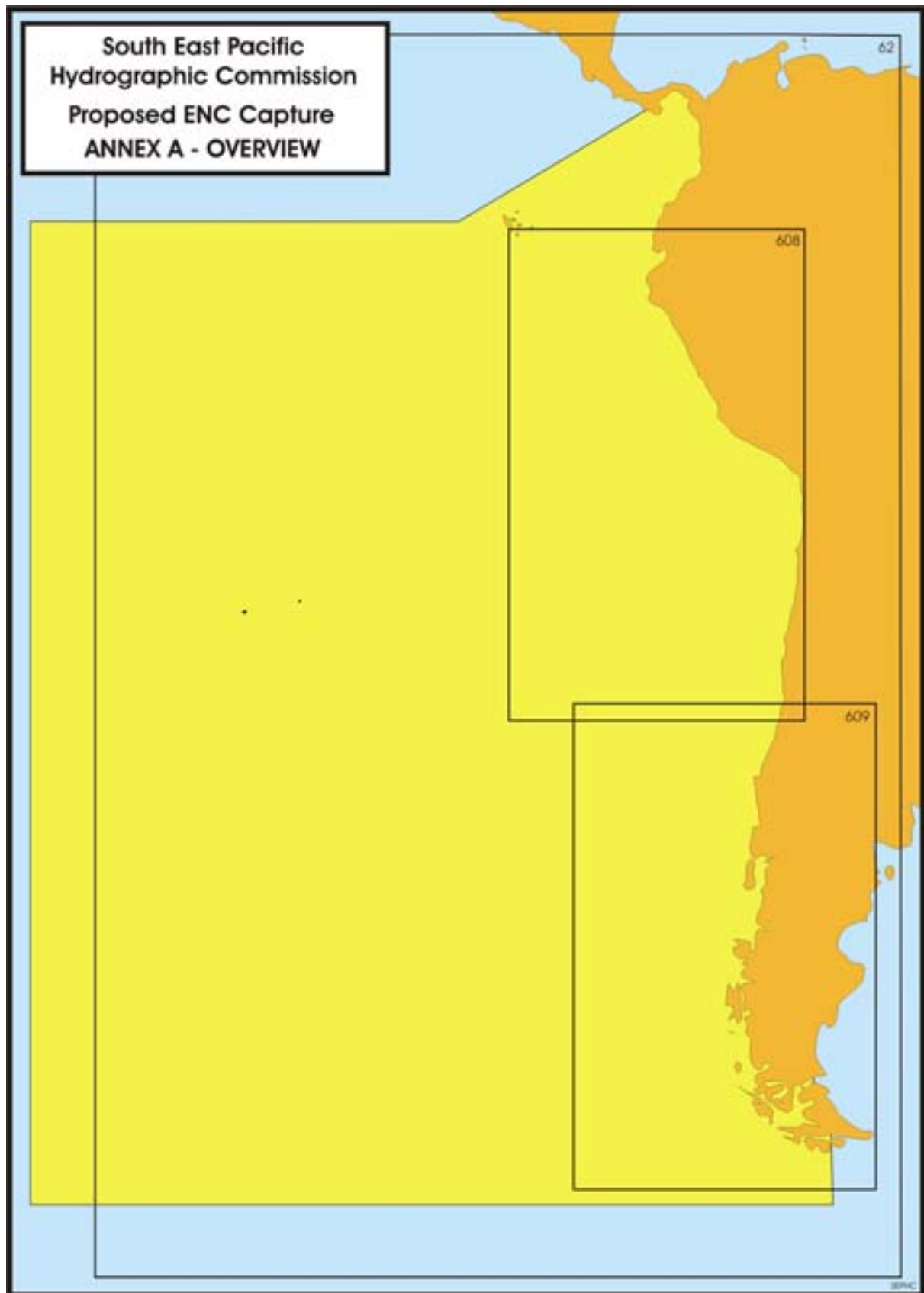
LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
62	4062	South Pacific Ocean – Eastern Part	1:10,000,000	CHL
608	4608	Guayaquil to Valparaiso	1:3,500,000	CHL
609	4609	Valparaiso to Islas Diego Ramirez	1:3,500,000	CHL

South East Pacific
Hydrographic Commission
Proposed ENC Capture
ANNEX A - OVERVIEW



9. SOUTH WEST ATLANTIC

Introduction

ENCs are grouped, depending on chart coverage, into six Usage Bands; the scale ranges below have been proposed by the TSMAD Working Group but as yet have not been accepted:

- kk. Overview (< 1:1,499,999)
- ll. General (1:350,000 – 1:1,149,999)
- mm. Coastal (1:90,000 – 1:349,999)
- nn. Approaches (1:22,000 – 1:89,999)
- oo. Harbour (1:4,000 – 1:21,999)
- pp. Berthing (>1:4,000)

Production Plan

Please note:

- 34. Wherever possible the production plan is based on the capture of INT charts of appropriate scales.
- 35. Data in ENCs in the same usage band must not overlap. For this reason some of the charts identified will be only partially captured. Selection will be based on the best (usually largest) scale and latest New Edition date.
- 36. Current information indicates that INT charts within the South West Atlantic are not yet available as ENCs. The UKHO would be pleased to produce these charts as ENCs and release the cells to the Producer Nations when they have the capability to maintain them.
- 37. There are no INT charts that could be captured for the General Usage band.

LIST OF CHARTS

OVERVIEW Usage Band

The cell limits are shown at Annex A

INT Chart No.	Chart No.	Title	Scale	Producer Nation
200	4200	Rio De La Plata to Cabo De Hornos	1:3,500,000	ARG
201	4201	South East Coast of South America	1:3,500,000	BRA
202	4202	East Coast of South America	1:3,500,000	BRA
215	4215	Recife to Dakar	1:3,500,000	BRA
216	4216	North East Coast of South America	1:3,500,000	BRA

