



EASTERN ATLANTIC HYDROGRAPHIC COMMISSION



Paris, March 10th, 2013

N° 020 SHOM/DMI/NP

SERVICE HYDROGRAPHIQUE
ET OcéANOGRAPHIQUE
DE LA MARINE

DIRECTION DES MISSIONS
INSTITUTIONNELLES ET DES
RELATIONS INTERNATIONALES

EAtHC CIRCULAR LETTER N° 01/2013

Dossier suivi par
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Subject : Large scale electronic navigation charts (ENCs) priorities for Region G main harbours.

Priorités des besoins en carte électroniques de navigation pour les principaux ports de la région G.

Reference : Decisions of the 12th Eastern Atlantic Hydrographic Commission conference (EAtHC).

Décisions de la 12ème conférence de la Commission Hydrographique de l'Atlantique Oriental (CHAtO)

Enclosure : WENDWG List of Region G harbours not covered by large scale ENCs.

Liste des ports de la région G non couverts par des ENCs grande échelle établies par le WENDWG.

Dear colleagues, *Chers collègues,*

Following up the decisions of the 12th EAtHC conferences, more particularly decision 12-24, members and associated members of the commission are asked to provide a priority list of their non covered main harbours regarding their needs of large scale Electronic Navigation Charts.

A generic list of harbours issued by the World-wide ENC Database Working Group (WENDWG) is enclosed herewith in annexe. Those inputs are to be returned by April 31st, 2013.

Faisant suite aux décisions prises lors de la dernière conférence de la CHAtO, plus particulièrement à la décision 12-24, les membres et membres associés sont priés de bien vouloir fournir une liste de leurs priorités en besoins de cartes électroniques de navigation grande échelle pour leur principaux ports de la région.

Addresses : EAtHC Members and Associate Members – IHB (for the IHO website).

BCRM de Brest – SHOM – CC 08 – 29240 Brest cedex 9

SHOM – 13 rue du Chatellier – CS 92803 – 29228 Brest cedex 2



Une liste générique des ports non couverts par des ENC's grande échelle, établie par le WENDWG, vous est fournie en annexe. Vos éléments sont à retourner au plus tard pour le 31 avril 2013.

Yours sincerely,
Bien cordialement,

A handwritten signature in black ink, appearing to be 'B. Frachon', written over a horizontal line.

L'ingénieur général (Hydrographer) Bruno Frachon,
Director General of SHOM
Chairman of the EAHC
Président de la CHAtO

UNIQUE POR	PORT	COUNTRY	RANK 2006	LATITUDE	LONGITUDE
P2844	Cabinda	Angola	619	-5,55000000	12,20000000
P2842	Malongo Terminal	Angola	657	-5,43333300	12,08333300
P2850	Kuito Terminal	Angola	1333	-5,46666700	11,50000000
P2854	Xikomba Terminal	Angola	1377	-6,05000000	11,03333300
P2849	Sanha Terminal	Angola	2434	-5,63333300	11,85000000
P2759	Douala	Cameroon	455	4,05000000	9,70000000
P2763	Limbe	Cameroon	820	4,00000000	9,20000000
P2767	Kome-Kribi 1 Terminal	Cameroon	843	2,93602000	9,90976200
P2765	Kole Terminal	Cameroon	1128	4,21666700	8,56666700
P2770	Moudi Terminal	Cameroon	1599	4,13333300	8,45000000
P2768	Ebome Terminal	Cameroon	1895	2,80000000	9,83333300
P2764	Kribi	Cameroon	2647	2,93333300	9,91666700
P2766	Las Palmas (Puerto de)	Canary Islands	78	28,15000000	-15,41666700
P2778	Santa Cruz de Tenerife	Canary Islands	158	28,48333300	-16,23333300
P2753	Arrecife	Canary Islands	806	28,95000000	-13,55000000
P2758	Puerto del Rosario	Canary Islands	962	28,50000000	-13,85000000
P2804	Palma (Canary Is)	Canary Islands	1231	28,68333000	-17,76667000
P2769	La Salineta	Canary Islands	1247	27,96666700	-15,36666700
P2779	Arguineguin	Canary Islands	2264	27,75000000	-15,66666700
P2803	Santa Cruz de la Palma	Canary Islands	2349	28,66666700	-17,75000000
P2823	Hierro	Canary Islands	2619	27,75000000	-18,00000000
P2801	Gomera	Canary Islands	3329	28,10000000	-17,10000000
P2846	Banana	Dem. Republic of Congo	2075	-6,01666700	12,40000000
P2783	Zafiro Terminal	Equatorial Guinea	904	3,85000000	8,11666700
P2784	Serpentina Terminal	Equatorial Guinea	1140	3,80000000	8,08333300
P2790	Bata	Equatorial Guinea	1294	1,86666700	9,76666700
P2774	Punta Europa Terminal	Equatorial Guinea	1400	3,78333300	8,71666700
P2807	Ceiba Terminal	Equatorial Guinea	1502	1,40000000	9,21666700
P2772	Malabo	Equatorial Guinea	1830	3,75000000	8,78333300
P2782	Luba	Equatorial Guinea	3262	3,46666700	8,55000000
P4427	Cogo	Equatorial Guinea	9999	1,08333300	9,70000000
P4429	Puerto Macias	Equatorial Guinea	9999	1,83333300	9,73333300
P4428	Puerto Iradier	Equatorial Guinea	9999	1,08333300	9,68333300
P4426	Benito	Equatorial Guinea	9999	1,60000000	9,60000000
P2541	Donges	France	353	47,30000000	-2,06666700

P2555	La Pallice	France	505	46,16666700	-1,23333300
P2543	Montoir	France	506	47,30343700	-2,12352500
P2581	Brest	France	718	48,38333300	-4,48333300
P2570	Lorient	France	939	47,75000000	-3,36666700
P2530	Nantes	France	1053	47,20284200	-1,56742000
P2560	Les Sables d'Olonne	France	1906	46,50000000	-1,80000000
P2548	St Nazaire	France	1962	47,26666700	-2,20000000
P2910	St Louis du Rhone	France	2342	0,00000000	0,00000000
P2584	Douarnenez	France	2442	48,10000000	-4,33333300
P2550	La Rochelle	France	2736	46,15000000	-1,15000000
P2540	Paimboeuf	France	2962	47,28333300	-2,03333300
P2571	Keroman	France	3426	47,73333300	-3,36666700
P2534	Redon	France	3698	47,65000000	-2,06666700
P2580	Concarneau	France	3761	47,86666700	-3,91666700
P2569	Port Joinville	France	3848	46,73333300	-2,35000000
P4438	Cordemais	France	9999	47,28333300	-1,88333300
P4466	Port Tudy	France	9999	47,65000000	-3,45000000
P5611	Ushant	France	9999	48,44889700	-5,09988000
P4445	Haut Indre	France	9999	47,20000000	-1,65000000
P4456	Loctudy	France	9999	47,83333300	-4,18333300
P4473	Vannes	France	9999	47,63333300	-2,76666700
P4452	Le Chateau D'Oleron	France	9999	45,88333300	-1,18333300
P4467	Quimper-Corniguel	France	9999	47,98333300	-4,11666700
P4432	Arcachon	France	9999	44,55000000	-1,25000000
P4439	Corniguel	France	9999	47,95000000	-4,11666700
P4435	Camaret	France	9999	48,26666700	-4,61666700
P4446	Indret	France	9999	47,20000000	-1,68333300
P4433	Basse Indre	France	9999	47,20000000	-1,70000000
P4440	Coueron	France	9999	47,21666700	-1,71666700
P2822	Owendo	Gabon	564	0,28333300	9,50000000
P2828	Port Gentil	Gabon	1099	-0,71666700	8,78333300
P2836	Gamba Terminal	Gabon	1262	-2,78333300	10,00000000
P2829	Cap Lopez	Gabon	1699	-0,63369000	8,71226800
P2833	Oguendjo Terminal	Gabon	2077	-1,45000000	8,91666700
P2838	Lucina Terminal	Gabon	2338	-3,65000000	10,76666700
P2835	Mayumba	Gabon	2661	-3,38333300	10,63333300

P2819	Libreville	Gabon	2935	0,28833000	9,50130000
P2852	Tema	Ghana	262	5,61666700	0,01666700
P2864	Takoradi	Ghana	584	4,88333300	-1,73333300
P3181	Kamsar	Guinea	532	10,65000000	-14,61666700
P3182	Conakry	Guinea	647	9,50000000	-13,71666700
P3180	Bissau	Guinea-Bissau	1512	11,85000000	-15,58333300
P2867	Abidjan	Ivory Coast	175	5,30000000	-4,00000000
P3173	Sah Pedro	Ivory Coast	845	4,73333300	-6,61666700
P2871	Baobab Terminal	Ivory Coast	1644	4,96666700	-4,55000000
P2870	Espoir Terminal	Ivory Coast	1783	5,06666700	-4,46666700
P3184	Monrovia	Liberia	1110	6,33333300	-10,81666700
P3178	Cape Palmas	Liberia	2662	4,36666700	-7,71666700
P2747	Porto Santo	Madeira	2087	33,05000000	-16,33333300
P2751	Funchal	Madeira	2125	32,63333300	-16,90000000
P2862	Point Central	Mauritania	541	20,81666700	-17,03333300
P2861	Nouadhibou	Mauritania	629	20,90000000	-17,05000000
P2866	Nouakchott	Mauritania	1033	18,03333300	-16,03333300
P4721	Port de L'Amitie	Mauritania	9999	17,98333000	-16,03333000
P2733	Casablanca	Morocco	259	33,61666700	-7,60000000
P2731	Mohammedia	Morocco	424	33,71666700	-7,36666700
P2734	Jorf Lasfar	Morocco	487	33,11666700	-8,63333300
P2739	Agadir	Morocco	669	30,41666700	-9,63333300
P2736	Safi	Morocco	707	32,30000000	-9,25000000
P2729	Kenitra	Morocco	2074	34,26666700	-6,58333300
P2746	Tah Tan	Morocco	2694	28,50000000	-11,35000000
P2820	Apapa-Lagos	Nigeria	151	6,43333300	3,40000000
P2777	Qua Iboe Terminal	Nigeria	205	4,23333300	8,05000000
P2793	Bonny	Nigeria	218	4,43333300	7,15000000
P2812	Forcados Terminal	Nigeria	266	5,16666700	5,18333300
P2810	Brass Terminal	Nigeria	375	4,31666700	6,23333300
P2811	Escravos Terminal	Nigeria	426	5,50000000	5,00000000
P2787	Odudu Terminal	Nigeria	464	4,00000000	7,75000000
P2796	Yoho Terminal	Nigeria	477	4,01666700	7,46666700
P2817	EA Field	Nigeria	668	4,80000000	5,31000000
P2799	Okono Terminal	Nigeria	711	3,98333300	7,28333300
P2771	Antan Terminal	Nigeria	742	4,21666700	8,33333300

P2786	Port Harcourt	Nigeria	773	4,76666700	7,00000000
P2821	Pennington Terminal	Nigeria	951	4,23333300	5,60000000
P2800	Warri	Nigeria	952	5,51666700	5,73333300
P2815	Abo Terminal	Nigeria	983	5,70000000	4,46666700
P2761	Calabar	Nigeria	1076	4,96666700	8,31666700
P2788	Onne	Nigeria	1224	4,71666700	7,16000000
P2824	Bonga Terminal	Nigeria	1327	4,55000000	4,61666700
P2805	Okwori Terminal	Nigeria	1478	3,85000000	6,98333300
P2791	Ima Terminal	Nigeria	1691	4,21667000	7,40000000
P2806	Obe Field	Nigeria	1804	5,98000000	4,71000000
P2809	Ukpokiti Terminal	Nigeria	2033	5,73333000	4,83333000
P2792	Sapele	Nigeria	2084	5,90000000	5,68333300
P2785	Okrika	Nigeria	2140	4,71666700	7,08333300
P2816	Sea Eagle Terminal	Nigeria	2337	4,80000000	5,31666700
P2797	Koko	Nigeria	2488	6,00000000	5,45000000
P2794	Amenam/Kpono Field	Nigeria	3713	4,16000000	7,40000000
P2813	Erha Terminal	Nigeria	3728	5,60000000	4,60000000
P2721	Lisbon	Portugal	243	38,73333300	-9,11666700
P2725	Sines	Portugal	245	37,95000000	-8,86666700
P2696	Leixoes	Portugal	258	41,18333300	-8,71666700
P2722	Setubal	Portugal	347	38,50000000	-8,91666700
P2780	St Michael's	Portugal	648	37,73333300	-25,66666700
P2702	Aveiro	Portugal	878	40,65000000	-8,75000000
P2798	Angra do Heroismo	Portugal	1353	38,65000000	-27,21666700
P2692	Viana do Castelo	Portugal	1504	41,68333300	-8,83333300
P2707	Figueira da Foz	Portugal	1627	40,15000000	-8,86666700
P2726	Portimao	Portugal	2120	37,13333300	-8,53333300
P2748	Canical	Portugal	2162	32,73333300	-16,73333300
P2789	Praia da Vitoria	Portugal	2333	38,73333300	-27,05000000
P2724	Faro	Portugal	2403	37,01666700	-7,91666700
P2814	Pico Island	Portugal	2573	38,46666700	-28,30000000
P2781	Ponta Delgada	Portugal	2773	37,73333300	-25,66666700
P2795	Terceira Island	Portugal	2828	38,71666700	-27,21666700
P2802	Santa Cruz da Graciosa	Portugal	2882	39,05000000	-28,05000000
P2723	Cascais	Portugal	3153	38,68333300	-9,41666700
P2727	Lagos	Portugal	3195	37,08333300	-8,66666700

P2693	Oporto	Portugal	3368	41,15000000	-8,61666700
P2827	Flores Island	Portugal	3444	39,50000000	-31,21666700
P2808	San Jorge Island	Portugal	3445	38,66666700	-28,05000000
P2818	Horta	Portugal	3579	38,58333300	-28,70000000
P5138	Porto de Vila do Conde	Portugal	9999	41,35000000	-8,73333300
P5137	Porto da Povoia de Varzim	Portugal	9999	41,38333300	-8,76666700
P5139	Santa Apolonia	Portugal	9999	38,70000000	-9,13333300
P5140	Vila Real de Santo Antonio	Portugal	9999	37,16666700	-7,41666700
P2826	Cotonou	Republic of Benin	396	6,35000000	2,45000000
P3206	St Vincent	Republic of Cape Verde	770	16,90000000	-25,00000000
P3198	Sal Island	Republic of Cape Verde	1763	16,75000000	-22,99000000
P3200	Palmeira	Republic of Cape Verde	2495	16,75000000	-23,00000000
P3203	St Nicholas	Republic of Cape Verde	2585	16,63333300	-24,28333300
P3212	Fogo	Republic of Cape Verde	2711	14,86666700	-24,48333300
P2957	Porto Grande Bay	Republic of Cape Verde	2855	16,88330000	-25,00000000
P3204	Porto Novo	Republic of Cape Verde	3146	17,01666700	-25,06666700
P3213	Brava	Republic of Cape Verde	3275	14,81666700	-24,68333300
P3205	Maio	Republic of Cape Verde	3501	15,20000000	-23,25000000
P3210	Praia	Republic of Cape Verde	3626	14,90000000	-23,51666700
P5141	Pedra De Lume	Republic of Cape Verde	9999	16,75000000	-22,90000000
P5142	Santa Maria Bay	Republic of Cape Verde	9999	16,60000000	-22,95000000
P2839	Sao Tome	Sao Tome & Principe	1757	0,35000000	6,75000000
P2825	Santo Antonio	Sao Tome & Principe	3394	1,65000000	7,45000000
P3175	Dakar	Senegal	309	14,68333300	-17,41666700
P3174	Kaolack	Senegal	3159	14,13333300	-16,08333300
P3179	Ziguinchor	Senegal	3285	12,58333300	-16,26666700
P3040	Kaolack Anchorage	Senegal	3413	14,15000000	-16,11667000
P5201	Lyndiane	Senegal	9999	14,16666700	-16,16666700
P5202	M'Bao Oil Terminal	Senegal	9999	14,71666700	-17,40000000
P3186	Freetown	Sierra Leone	944	8,50000000	-13,21666700
P3185	Kissy	Sierra Leone	1966	8,48333300	-13,18333300
P2634	Bilbao	Spain	164	43,33166000	-3,02500000
P2645	Gijon	Spain	298	43,55000000	-5,66666700
P2715	Huelva	Spain	324	37,26666700	-6,91666700
P2676	Corunna	Spain	352	43,38333300	-8,36666700
P2687	Vigo	Spain	391	42,23333300	-8,66666700

P2718	Cadiz	Spain	467	36,53666700	-6,28166700
P2639	Santander	Spain	566	43,46666700	-3,76666700
P2671	Ferrol	Spain	598	43,46666700	-8,26666700
P2648	Aviles	Spain	641	43,58333300	-5,93333300
P2622	Pasajes	Spain	663	43,33333300	-1,93333300
P2705	Seville	Spain	738	37,37666700	-5,99833000
P2661	San Ciprian	Spain	741	43,70000000	-7,45000000
P2684	Marin	Spain	828	42,40000000	-8,70000000
P2680	Villagarcia	Spain	1069	42,60000000	-8,76666700
P2664	Carino	Spain	1715	43,73333300	-7,85000000
P2631	Bermeo	Spain	1792	43,41666700	-2,71666700
P2716	Rota	Spain	1797	36,61666700	-6,36666700
P2659	Ribadeo	Spain	1892	43,53333300	-7,03333300
P2685	Caraminal	Spain	2207	42,60000000	-8,93333300
P2688	Santa Eugenia de Riveira	Spain	2293	42,55000000	-8,98333300
P2624	San Sebastian	Spain	2310	43,31666700	-1,98333300
P2641	Requejada	Spain	2638	43,33333300	-4,08333300
P2682	Corcubion	Spain	2716	42,95000000	-9,18333300
P2717	Barbate	Spain	2943	36,16666700	-5,98333300
P2660	Burela	Spain	2952	43,65000000	-7,33333300
P2681	Cee	Spain	2980	42,95000000	-9,16666700
P2662	Vivero	Spain	3144	43,66666700	-7,60000000
P2714	Puerto de Santa Maria	Spain	3429	36,60000000	-6,23333300
P2683	Muros	Spain	3548	42,75000000	-9,01666700
P2672	Sada	Spain	3549	43,36666700	-8,25000000
P2632	Guernica	Spain	3707	43,31666700	-2,66666700
P2650	San Esteban de Pravia	Spain	3708	43,56666700	-6,08333300
P2654	Navia	Spain	3709	43,55000000	-6,71666700
P2658	Castropol	Spain	3710	43,53333300	-7,01666700
P2628	Zumaya	Spain	3810	43,30000000	-2,25000000
P2629	Ondarroa	Spain	3832	43,31666700	-2,41666700
P2841	Djeno Terminal	The Congo	377	-4,93333300	11,90000000
P2840	Pointe Noire	The Congo	507	-4,78333300	11,83333300
P2847	N'kossa Terminal	The Congo	1666	-5,25000000	11,56666700
P2843	Yombo Terminal	The Congo	2343	-4,45000000	11,10000000
P3177	Banjul	The Gambia	1253	13,45000000	-16,56666700

P2834	Lome	Togo	368	6,13333300	1,28333300
P2831	Kpeme	Togo	1463	6,20000000	1,51666700
P2760	Laayoune	Western Sahara	976	27,08333300	-13,43333300
P2830	Dakhla	Western Sahara	2450	23,70000000	-15,91666700