

**Association Internationale
de Signalisation Maritime**

20 ter rue Schnapper
78100 St. Germain en Laye
FRANCE

Tel + 33 1 34 51 70 01
Fax + 33 1 34 51 82 05



**International Association of
Marine Aids to Navigation
& Lighthouse Authorities**

e mail: iala-aism@wanadoo.fr
Internet: <http://www.iala-aism.org>

Liste des Membres

January 2007

List of Members

Janvier 2007

N = Membre National
National Member

C = Membre Associé
Associate Member

I = Membre Industriel
Industrial Member

Pays Country		Membre Member	Adresse Address
ALGERIA ALGERIE	1ALGE01	N Office National de Signalisation Maritime <i>Monsieur A. BOULERBAH</i> Monsieur le Directeur	BP 696 ALGER-GARE Tlx 56174 ONSMDZ Tel + 213 21 63 56 71 Fax + 213 21 63 56 70 e-mail : onsm@wissal.dz
ARGENTINA ARGENTINE	1ARGE01	N Seguridad Náutica Armada Argentina Servicio de Hidrografia Naval Capt de Navio Daniel Francisco Hindryckx	Avenida Montes de Oca 2124 C1270ABV Buenos Aires Tel + 54 11 4301 2249 Fax + 54 11 4301 2249/4303 2299 e-mail : snautica@hidro.gov.ar shn@hidro.gov.ar website : www.hidro.gov.ar
	3ARGE01	C Direccion de Vias Navegables <i>Ag Norberto Fernandez</i> Director de Vias Navegables	Avenida Espana 2221 - 3° Piso C.P. 1107 BUENOS AIRES
	3ARGE02	C Hidrovia S.A. <i>Mr. Raul S. Escalante</i> Aids to Navigation Manager	Corrientes 316 2 Piso (C.P.1314) Buenos Aires Tel + 54 11 4320 6900 Fax + 54 11.4320 6931 e-mail: hidrovia@movi.com.ar
	3ARGE03	C Prefectura Naval Argentina Servicio de Trafico Maritimo <i>Mr Oswaldo Aguirre</i> <i>Prefecto Mayor</i>	Avda Madero 235-3 Piso C.P 1106 Buenos Aires Tel:+ 54 11 43 18 75 88 Fax/ + 54 11 43 18 75 89 Email : kstm@prefecturanaval.gov.ar

AUSTRALIA AUSTRALIE	1AUST01	N	Australian Maritime Safety Authority <i>Mr. Clive Davidson</i> Chief Executive	Level 2 25 Constitution Avenue GPO Box 2181 Canberra City ACT 2601 Direct line: + 61 417 23 48 49 Tel + 61 2 6279 5039 Fax + 61 2 6279 5813 e-mail : clive.davidson@amsa.gov.au Web: www.amsa.gov.au
	3AUST02	C	Port of Melbourne Corporation Asset Engineer Officer	Level 4 530 Colins Street MELBOURNE VICTORIA. 3000 GPO Box 261 Tel + 61 1300 857 662 Fax + 61 3 9683 1570 e-mail : kevin.farrell@portmelbourne.com
	3AUST03	C	Maritime Safety Queensland <i>Capt. John Watkinson</i> General Manager	G.P.O. Box 2595 BRISBANE 4001 Tlx 40760 HARBRs AA Tel + 61 7 3120 7477 Fax + 61 7 3120 7499 e-mail: john.r.watkinson@msq.qld.gov.au
	3AUST04	C	Marine Safety Victoria FAO: Dr Brian Riches Director-of Marine Safety	PO Box 2979 MELBOURNE , VICTORIA 3001 Tel + 61 3 9655 33 99 Fax + 61 3 9655 66 11 e-mail: Brian.riches@doi.vic.gov.au
	4AUST02	I	Australian Maritime Systems <i>Mr. John Sugarman</i> Managing Director	30 Eagle View Place Eagle Farm P.O. Box 1430 Eagle Farm, M.C. 4009 Tel : + 61 7 3633 41 01 Fax : + 61 7 3268 17 81 e-mail : jrs@marsys.com.au
	4AUST04	I	Sealite Pty., Ltd. <i>Mr. Chris Procter</i> Sales Director	2/21 Simcock Street Somerville, Victoria 3912 Tel: + 61 3 59776128 Fax : +61 3 59776124 e-mail: info@sealite.com.au Web: www.sealite.com.au
AUSTRIA AUTRICHE	4AUTR01	I	ACR Electronics Europe Gmbh <i>Mr. Andreas Lesch</i>	Handelskai 388/Top 632 A-1020 Wien Tel + 43 1 5 237 237 Fax + 43 1 5 237 237 150 Web: www.acrelectronics.com
	4AUTR02	I	Frequentis GmbH <i>Ing. Thomas Moser</i> System Design Manager	Wolfganggasse 58-60 1120 Wien Tel +43 1 81150 1134 Fax +43 1 81150 2399 E-mail: thomas.moser@frequentis.com Web : www.frequentis.com
BARBADOS BARBADES	2BARB01	N	Barbados Port Authority <i>Mr. Richard Alleyne</i>	University Row BRIDGETOWN W.1. Tel :+ 1 246 429 53 48 e-mail : R.Alleyne@barbadosport.com

BELGIUM BELGIQUE	1BELG02	N	Waterways and Marine Administration <i>Agency for Maritime Services and Coast Flemish Government M. Antoine Descamps, Head of Division</i>	Shipping Assistance Division Martien Plein 3 B-8400 Oostende Tel: 32 59 255 440 Fax: 32 59 255 441 Scheepvaartbegeleiding@vlaanderen.be
	3BELG01	C	Havenkapitein Havenbedrijf Antwerpen <i>Mr. J. Verbist</i>	Entrepotkaii 2000 Antwerpen Tel + 32 3 205 2011 Fax + 32 3 205 2020 Web: www.portofantwerp.be
	4BELG01	I	Radio Holland Belgium N.V. <i>Mr. Albert Hoogers, Commercial Manager</i>	Noordersingel 17 B 2140 Antwerpen Tel : +32 3 320 99 60 Fax: :+32 3 320.99.61 e-mail : info@radioholland.be Web: www.radioholland.be
BENIN	2BENI01	N	Port Autonome de Cotonou <i>Monsieur le Directeur Général</i>	B.P. 927 COTONOU Tel + 229 31 28 90 Fax + 229 31 28 91 e-mail : pac@leland.bj
BERMUDA BERMUDES	2BERM01	N	Department of Marine and Port Services <i>Mr. Michael Dolding</i> Assistant Director	P.O. Box HM 180 Hamilton HM AX Telex 3505 RGSHP BA Tel + 1 441 295 6575 Fax + 1 441 295 3718 e-mail : mdolding@gov.bm
BRAZIL BRESIL	1BRES01	N	Centro de Sinalização Náutica e Reparos "Almirante Moraes Rego" Base Naval do Rio de Janeiro <i>Capt. Miguel Augusto Brum Magaldi</i>	Rua Barão de Jaceguay s/n Niterói RIO DE JANEIRO CEP 24.048-900 Tel /Fax : + 55 21 2613 8132 e-mail : 01@camr.mar.mil.br directorcamr@hotmail.com
CAMEROON CAMEROUN	2CAME01	N	Port Autonome de Douala Mr Emmanuel Etoundi Oyono	B.P. 4020 Douala Tel +237 342 01 33 Fax +237 342 67 97 E-mail : portdouala@iccnet2000.com
	3CAME01	C	Autorité Portuaire Nationale <i>Monsieur le Directeur Général</i> J M Dayas Mounoume	900, Avenue Churchill, Hippodrome B.P. 11538 YAOUNDE Tel + 237 223.73.16/223.73.17 Fax + 237 223.73.14 e-mail: apn@camnet.cm
CANADA	1CANA01	N	Canadian Coast Guard <i>Mr. Jacques Lorquet</i> Director, Navigation Systems Marine Services (Poste 5N 186)	Centennial Towers Station 5N 186(Mail drop) 200 Kent Street Ottawa, Ontario, K1A 0E6 Tel : + 1 613 998 1384 Fax : + 1 613 998 8428 e-mail : lorquetj@dfo-mpo.gc.ca Web: www.ccg-gcc.gc.ca

	4CANA03	I	Carmanah Technologies Inc. <i>Mimi Drabit</i>	Building 4 203 Harbour Road Victoria, BC V9A 3S2 Tel + 1 250 380 0052 ext 228 Fax + 1 250 380 0062 e-mail : mdrabit@carmanah.com cpigden@carmanah.com Web : www.solarmarinelights.com
CHILE CHILI	2CHIL01	N	Armada de Chile, Directemar Direccion General del Territorio Maritimo y de Marina Mercante <i>Vice-Admiral Francisco Martinez</i> Director General	Subida Cemnterio N° 300 Playa Ancha VALPARAISO Tlx 236602 DGTM CL Tel + 56 32 2208 201 Fax + 56 32 2208 085 e-mail: diviala@directemar.cl ccabrera@directemar.cl
CHINA CHINE (People's Rep. Of) (Rép. Pop. De)	1CHIN01	N	Maritime Safety Administration Ministry of Communications Division of Aids to Navigation <i>Mr. Liu Gongchen, Director General</i>	11 Jianguomennei Avenue BEIJING 100736 Tlx 222258 CMSAR CN Tel + 86 106 529 28 01 Fax + 86 106 529 22 45 e-mail : chinamsa@msa.gov.cn
	4CHIN01	I	Shanghai Aids to Navigation Factory <i>Mr. Gong Hua</i>	N 4 Shangnan Road SHANGHAI Tel + 86 21 588 39 256 Fax + 86 21 587 69 238 e-mail : snaf@chec-sdc.com Web : www.snaf.com.cn
	4CHIN03	I	United Star Navigation Technology Co;Ltd <i>Mr Lin Hua</i> <i>General Manager</i>	Room 801 Tower B, Huazun Plaza, Jia 29, Beisanhuan Middle Road, Xicheng District, BEIJING 100029 Tel:+ 86 10 623 696 99 Fax: + 86 10 623 696 89 e-mail: usnt@usnt.com.cn
	4CHIN04	I	Chaohu Yinhan Navigation Aids; Ltd <i>Mr Xu Chao Lin</i> <i>General Manager</i>	No.318 Changjiang West Road, CHAOHU, ANHUI, Tel: + 86 565 231 77 79 Fax: + 86 565 231 77 78 e-mail: webmaster@yhml.com.cn
CHINA / CHINE Territoires Territoires : HONG KONG	1HONG01	N	Marine Department, HKSAR Aids to Navigation & Moorings Unit <i>FAO: Mr Eric WK Lau</i> <i>The Director of Marine</i>	G/F., Block E, Government Dockyard Stonecutter's Island Off Container'Port Road South Sham Shui Po, Kowloon, Tel + 852 23 07 37 82 Fax + 852 23 07 37 67 e-mail: wk_lau@mardep.gov.hk e-mail : sananu@mardep.gov.hk
COTE D'IVOIRE	2COTE01	N	Port Autonome d'Abidjan <i>Monsieur Dagou</i> Chef du Département Electricité et Balisage	B.P. V. 85 ABIDJAN Tlx 22778 DGPAACI Fax : + 225 23 80 80 e-mail : info@paa-ci.org

	3COTE01	C	Port Autonome de San Pedro <i>Attn : M. le Directeur Général</i>	B.P. 399 & 340 SAN PEDRO Tlx 9910 CI
CROATIA CROATIE (Rep. Of) (Rép. De)	1CROA01	N	Plovput Split <i>Mrs Silvana Tokié</i> <i>General Manager</i>	Obala Lazareta 1 58000 SPLIT Tel + 385 213 906 01 Fax + 385 213 906 30 e-mail: plovput@plovput.hr Website: www.plovput.hr
CUBA	1CUBA01	N	Oficina Nacional Hidrografia y Geodesia <i>Coronel Eloy L. Alum Ortiz</i> <i>Jefe</i>	Ave. 47 # 2829 e/28 y 34 Reperto Kohly Municipio Playa Ciudad de la Habana CUBA Tel + 53 7 209 09 26/27 Fax + 53 7 203 09 67 e-mail: geocuba@teleda.get.cu
CYPRUS CHYPRE	2CHYP01	N	Cyprus Ports Authority <i>FAO: Yiannakis Kokkinos</i> <i>General Manager</i>	23, Crete Street P.O. Box 22007 1516 NICOSIA Tlx 2833 CYP CY Tel + 357 22 817 200 Fax + 357 22 765 420 e-mail: cpa@cpa.gov.cy
DENMARK DANEMARK	1DANE01	N	Royal Danish Administration of Navigation and Hydrography <i>Mr. Svend Eskildsen</i>	Overgaden Oven Vandet 62 B P.O. Box 1919 DK-1023 COPENHAGEN K Tel + 45 32 68 95 00 Fax + 45 32 57 43 41 e-mail : frv@fomfrv.dk Website : www.fomfrv.dk
	3DANE01	C	Admiral Danish Fleet Headquarter <i>Mr Jorgen Brandt</i> <i>Manager VTS Great Belt</i>	P O Box 483, DK 8100 Aarhus Tel + 45 8943 3099 Fax + 45 8943 3171 Email: sok@mil.dk
	4DANE05	I	Oi Electric A/S <i>Mr. O. Ibsen</i>	Hørretvej 61 DK 8320 Mårslet Tel + 45 87 37 64 00 Fax + 45 86 29 48 44 e-mail : ibsen@oi-electric.dk Website : www.oi-electric.dk
	4DANE07	I	TERMA A/S <i>Jens Maaloe</i> <i>Director General</i>	Hovmarken 4 DK – 8520 LYSTRUP Tel + 45 87 43 60 00 Fax + 45 87 43 60 01 e-mail: radar-sales@terma.com Web: www.terma.com
	4DANE08	I	GateHouse A/S <i>Mr. Nils Buus</i> <i>Managing Director</i>	Lindholm Brygge 31 DK – 9400 Nr. Sundby Tel + 45 7020 1909 Fax + 45 7020 1910 e-mail : gh@gatehouse.dk Web: www.gatehouse.dk

ECUADOR EQUATEUR	2EQUA01	N	Instituto Oceanografico de la Armada <i>Attention : Sr. Director</i>	Casilla 5940 GUAYAQUIL Tlx 43572 INOCAR ED Tel + 593 4 480033 Fax + 593 4 481847 e-mail : inocar@inocar.mil.ec Web http://www.nocar.mil.ec
EGYPT EGYPTE	1EGYP01	N	Egyptian Authority for Maritime Safety EAFMS Ministry of Transport <i>R. Admiral Hussein Gamil El-Hermeel</i>	Bab Gomrok-1, Ras El Tin ALEXANDRIA Tel /Fax+ 20 3 487 56 33 Fax: 20 2 524 0956 (CAIRO) (Eng Karim Abu El Khair)
ENGLAND and WALES ANGLETERRE et PAYS de GALLES	1ANGL01	N	<i>R. Admiral Jeremy de Halpert</i> Deputy Master of Trinity House	Tower Hill LONDON EC3N 4DH Tlx 987526 NAVAID G Tel + 44 207 48 16 900 Fax + 44 207 48 07 662 e-mail : deputy.master@thls.org
	4ANGL02	I	AB Pharos Marine Ltd. <i>Mr. Alan Tassell</i>	Steyning Way Hounslow Middlesex TW4 6DL Tel + 44 208 53 81 100 Fax + 44 208 57 74 170 e-mail : sales@pharosmarine.com
	4ANGL12	I	Tideland Signal Ltd.	Unit B Kendal House Victoria Way Burgess Hill Sussex RH15 9NF Tel + 44 1444 87 22 40 Fax + 44 1444 87 22 41
	4ANGL25	I	Pelangi International Ltd. <i>Mr. Bert Frame</i>	15 Harvest Drive South Lowestoft Ind. Est. Lowestoft Suffolk NR33 7NJ Tel + 44 1502 588026 Fax + 44 1502 588047 e-mail : info@pelangi.co.uk Web : http://www.pelangi.co.uk
	4ANGL26	I	Denbridge Marine Ltd. <i>Mr. Joe Cummings,</i> Marketing and Sales Director	Cammell Lairds Waterfront Park Campbeltown Road Birkenhead Wirral, Merseyside CH41 9HP Tel +44 151 649 4080 Fax +44 870 051 8953 E-mail: joe.cummings@denbridgmarine.com Web site : www.denbridgmarine.com
	4ANGL27	I	Beco Batteries ; Ltd Beco Solar <i>Mr Rob Adams,</i> <i>Managing Director</i>	8-10 Speedwell Units, Nelson Road, Darmouth Devon TQ6 9SZ Tél :+ 1 803 833 636 Fax :+ 1 803 835 379 Email : radams@becosolar.com becosolar@btconnect.com

EQUATORIAL GUINEA GUINEE EQUATORIALE	1GUEQ01	N	Dirrección General Administración de Puertos de Guinea Ecuatorial <i>Sr Don Alberto Ndong Obiang Lima</i> Director General de Puertos	Apartado Pöstal, 536 Bioko Norte Malabo Tel + 240 09 89 62 Mobil + 240 27 20 30/77 34 Fax + 240 09 11 84 Email alberto_quema@yahoo.es
ESTONIA ESTONIE	1ESTO01	N	Aids to Navigation and Hydrographic Division (VTA – Veeteede Amet) <i>Mr. Tovia PRELA</i> Deputy Director General	Valge 4 11413 Tallinn Tel + 372 620 5600 Fax + 372 620 5606 e-mail: eva@vta.ee
	4ESTO01	I	Navigation Systems Department EKTA Cybernetica AS <i>Mr. Aivar Usk</i> Head of Department	Akadeemia tee 21, C406 12618 Tallinn Tel + 372 639 7991 Fax + 372 639 7992 e-mail ekta@ekta.ee Website : www.cyber.ee
FINLAND FINLANDE	1FINL01	N	Finnish Maritime Administration Hydrography & Waterways Depart. <i>Mr. K. Kostiainen, Director</i>	Porkkalankatu 5, PO Box 171 FIN-00181 HELSINKI Tlx 121471 MKH SF Tel + 358 204 48 42 85 Fax + 358 204 48 45 55 e-mail : keijo.kostiainen@fma.fi
	3FINL02	C	VTT Industrial Systems Maritime Operations and Environment <i>Capt Sanna Sonninen</i> <i>Research & Scientist</i>	P.O.Box 1705 FIN-02044 VTT, FINLAND Tel : + 358 9 456 72 89 Fax : + 358 9 455 06 19 Website : www.vtt.fi/tuo/34/indexe.htm
	4FINL01	I	SABIK OY <i>Mr. Lars Mansner</i>	Merituulentie 30 P.B. 19 FIN-06151 Porvoo Tel + 358 19 560 1100 Fax + 358 19 560 1120 e-mail : sales@sabik.com Website : www.sabik.com
FRANCE FRANCE	1FRAN01	N	Direction des Affaires Maritimes DAM Bureau SM4 <i>Monsieur J. MANCHARD</i>	3, Place Fontenoy 75700 Paris 07 SP Tel : + 33 1 44 49 86 81 Fax : + 33 1 44 49 86 80 e-mail : jacques.manchard@equipement.gouv.fr
	3FRAN06	C	Port Autonome de Marseille <i>Attn : Monsieur Eric BRASSART</i> <i>Directeur</i>	23 place de la Joliette-BP 1965 13226 MARSEILLE cedex 02 Tlx 440746 PORMA F Tel + 33 4 91 39 41 02 Fax + 33 4 91 39 47 02 Email : e.brassart@marseille-port.fr Website : www.marseille-port.fr
	3FRAN07	C	I.N.R.E.T.S. <i>Attn : M. Thomas Degré</i>	94114 ARCUEIL cedex Tlx 204454 INRETS F Tel + 33 1 47 40 72 96 Fax + 33 1 45 47 56 06 e-mail : thomas.degre@inrets.com

4FRAN02	I	SAMTSC GISMAN <i>Monsieur Marin Rocsin</i> <i>Directeur Général</i>	Z.A. Toul Garros 7, rue Louis Blériot 56400 Auray Tel : + 33 2 97 29 41 21 Fax + 33 2 97 29 41 30 e-mail : contact@gisman-ocea.com Web: www.gisman-ocea.com	
4FRAN11	I	SOFRELOG <i>Attn : Laurent Amiel</i>	1, rue Henri de Espagne B.P. 101 95873 Bezons Cédex Tel + 33 1 39 96 44 44 Fax + 33 1 39 96 44 40 e-mail: laurent.amiel@sofrelog.com	
4FRAN12	I	Mobilis SAS <i>M. François Juniet – P.D.G.</i>	370 rue Jean de Guiramand ZI Les Milles B.P. 49000 13792 Aix en Provence cedex 3 Tel: + 33 4 42 37 15 00 Fax: + 33 4 42 37 15 01 e-mail: mobilis@mobilis-sa.com Web : www.mobilis-sa.com	
4FRAN13	I	ETHM Equipements et Travaux Hydrauliques et Maritimes <i>M. Jacques Faily</i>	21, Av Edouard Belin B.P. 55 92502 Rueil Malmaison Tel +33 1 41 39 22 22/56 Fax +33 1 41 39 22 57 E-mail : infos@ethm.com Web site : www.ethm.com	
GERMANY ALLEMAGNE	1RFAL01	N	<i>Mr. Christian Forst</i> Head, Traffic Technology & Telematics Division Wasser- Und Shiffahrtsdirektion Nord	Hindenburgufer 247 Kiel 24106 Tel : +49 431 3394 5700 Fax : +49 431 339 6399 e-mail : Cforst@wsd-nord.de
	4RFAL01	I	Wilhelm Weule GmbH & Co Rainer Hausmann Operations Manager.	Postfach 2730 38617 GOSLAR Tlx 953896 D Tel + 49 53 21 23 097 Fax + 49 53 21 21 558 e-mail : weule@t-online.de Website : http://www.weule-goslar.de
	4RFAL02	I	Pintsch-Bamag Antriebs-und Verkehrstechnik GmbH <i>Attn: Herrn Khaled Jaber</i>	Hünxerstrasse 149 Postfach 10 04 20 46537 DINSLAKEN Tlx 8551938 PBDI D Tel + 49 20 64 6020 Fax + 49 20 64 602 2283 e-mail:khaled.jaber@pintschbamag.de Web site: www.pintschbamag.de
	4RFAL04	I	EADS Deutschland GmbH Naval and Ground Systems Naval Systems Germany <i>Mr. Thomas Oswald</i>	Woerthstrasse 85 D-89077 ULM Tel + 49 731 392 5033 Fax + 49 731 392 3537 E-mail: thomas.oswald@sysde.eads.net Web: www.dasa.de
	4RFAL06	I	STN Atlas Elektronik GmbH Naval Division	Sebaldsbrücker Heerstrasse 235 D-28305 BREMEN Tlx 2457466O KA D Tel + 49 421 4 57 27 12 Fax + 49 421 4 57 29 00

	4RFAL07	I	Plath GmbH <i>Mr. Steven Piper, Sales Manager</i>	Gotenstrasse 18 20097 HAMBURG Tel + 49 40 23734-0 Fax + 49 40 23734-173 e-mail: C.Plath@plath.de
	4RFAL10	I	Schnoor Industrieelektronik GmbH & Co KG <i>Mr Wolfgang Schnoor, General Manager</i>	Fehmarnstrasse 6, 24782 Büdelsdorf Tel: + 49 4331 3476-0 Fax: + 49 4331 3476-20 Email: info@schnoor-INS.COM
	4RFAL11	I	Barco Orthogon AG <i>Mr Klaus D. Wolfer</i> <i>Bids & Proposals Manager</i>	Hastedter Osterdeich 22 28207 Bremen Tel: + 49 421 2012 2426 Fax: + 49 421 2012 2999 Email : bids-s@orthogon.com www.barco-orthogon.com www.barcovesseltraffic.com
GREECE GRECE	1GREC01	N	Hellenic Navy <i>Commodore A. Papadoulis</i> Director of Lighthouse Service	Palataki PIRAEUS 18510 Tlx 213803 Tel + 30 201 45 12 835 Fax + 30 201 45 22 026
	4GREC01	I	INTRACOM IT S.A <i>FAO: Gabriel HATOGLU</i> <i>VTMIS Project Manager</i>	19.3 Km Markopoulo Avenue GR-190 02 PEANIA Athens, Greece Tél: +30.210.667.1847 Fax + 30 210.667.7055 Email : ghat@intracom.fr Web www.intracom.com
ICELAND ISLANDE	1ISLA01	N	Icelandic Maritime Administration <i>Mr. H. Gudjonsson</i>	Vesturvör 2 – P.O. Box 120 IS-202 KOPAVOGUR Tel + 354 560 00 00 Fax + 354 560 00 60
INDIA INDE	1INDE01	N	Department of Lighthouses and Lightships "Deep Bhavan" Mr Singh Suman Man Mohan <i>FAO: Director General</i>	A-13, Sector 24 NOIDA (UP) PIN-201 301 Tel + 91 118 4524001 Fax + 91 118 4527683 E-mail: dqll@ndb.vsnl.net.in
	4INDE01	I	ANA Nav aids Ltd.	193, Western Avenue Sainik Farms New Delhi 110062 Tel + 91 11 651 9883 Fax + 91 11 686 6939 E-mail: ananavoids@yahoo.co.uk
INDONESIA INDONESIE	2INDO01	N	Directorate of Navigation Directorate General of Sea Communications Mr Yuri Gunadi Director of Navigation	Gedung Karya Floor,13 Jl Medan Merdeka Barat No 8 Jakarta 10110 INDONESIE Tel:+ 62 21 350 79 48 Fax: + 62 21 350 65 34 e-mail: r_windari@yahoo.com

	4INDO01	I	P T Kemenangan Trading and Industrial Company <i>Mr. Adiwidjaja Masman</i> <i>Executive Director</i>	Jalan Gunung Sahari 75 Jakarta Pusat 10610, PO Box 2628 JKT 10001 Tel + 62 21 4207083 Fax + 62 21 4200052 e-mail: kemenangan@cbn.net.id website : http://www.kemenegan.co.id
IRAN	1IRAN01	N	Ports and Shipping Organization <i>Mr. Seyed Masih Momeni</i> <i>Member of the Board, and</i> <i>Deputy Managing Director of Marine Affairs</i>	P.S.O. Bulding South Didar St Haghani Highway Vanak Sq. 15186 TEHRAN P.O. Box 158753754 Tel: + 98 21 84931 Fax: + 98 21 8651191-2 e-mail : psa@ir-psy.com
IRELAND Espagne	1IRLA01	N	Commissioners of Irish Lights <i>Mr. Stuart Ruttle</i> <i>Chief Executive</i>	Irish Lights Office 16 Lower Pembroke Street DUBLIN 2 Tlx 93311 CIL EI Tel + 353 1 662 45 25 Fax + 353 1 661 80 94 e-mail : s.ruttle@cil.ie
ITALY ITALIE	1ITAL01	N	Marina Militare Ispettorato di Supporto Navale Logistico e dei Fari <i>Captain Vincenzo Rinaldi</i> <i>Lieutenant Davide Conti</i>	Via Taormina 4 00135 ROMA Tel + 39 06 368 03210 Fax + 39 06 331 84217 e-mail : navlog.4r.capo1uff@marina.difesa.it navlog.4r.add1uff@marina.difesa.it
	1ITAL02	N	Ministero dei Trasporti e della Navigazione <i>Comando Generale del Corpo delle</i> <i>Capitanerie di Porto</i> (Italian Coast Guard) <i>Captain Piero Pellizzari</i>	Reparto 3° - Ufficio III Via dell'Arte, 16 00144 Roma Tel : + 39 06 590 84946 Fax : + 39 06 590 84440
New	3ITAL02	C	I.T.O Srl Prof Vito Bonvino	Via San Francesco d'Assisi,61 70056 Molfetta (Ba) Tel + 39 0803 385 166 Fax + 39 0803 381 961 Email: itcorion@tin.it
	4ITAL01	I	Resinex Trading S.r.l <i>Mr Mauricio Prestini, Manager</i>	Via Cappuccio, 14 20123 MILANO Tel: + 39.030.745 52 45 / 745 30 63 Fax: + 39 030 745 01 62/720 16 182 Email: production@resinextrad.com
	4ITAL02	I	Floatex s.r.l. Mr Bernard or Rudy Zuurbier	Via Cave 12 25050 PROVAGLIO D'ISEO (BS) Tlx 304034 FLOATX I Tel + 39 030 982 32 55 Fax + 39 030 982 35 99 e-mail : sale@floatex.it
	4ITAL03	I	Selex Integrated Systems S.p.A.. B.U. Defence Systems. <i>Attn : Dr. Francesco Frau</i>	Via Tiburtina, Km 12 400 00131 Roma Tel + 39 06 4150 2012 Fax + 39 06 4150 3643 e-mail : ffrau@amsjv.it xyz@selex-si.com

	4ITAL04	I	D'Appolonia S.p.A. <i>Mr. Stefano Sorge,</i> Sensing Systems Engineering	Via Paolo Di Dono, 223 00142 Roma (RM) Tel +39 06 51990631 Fax +39 06 51990670 E-mail: dappolonia.roma@dappolonia.it Web site : www.dappolonia.it
	4ITAL05	I	GEM Elettronica S.r.l. Mr Cesare Giuliani Marketing Area Manager	Via A. Vespucci, 9 P.O.Box 280 63039 San Benedetto del Tronto (AP) Tel + 39 0 735 5905 34 Fax + 39 0 735 5905 40
New	4ITAL06	I	Engineering Ingegneria Informatica SpA Defence Division Mr Paolo Pesaresi (Sales Manager) Mr Fabio Mazzarini (Production Manager)	Via San Martino della Battaglia,56 I-00185 ROMA Tel Fax email
New	4ITAL07	I	Elman Srl Research & Development sector Mr Pierluigi Fiori Marketing Area Manager Mr Francesco Borghese Research & Devt Director	Via di Valle Caia km 4,700 Pomezia 00040 ROME Tel + 39 06 91 44 05 Fax + 39 06 91 94 306 Email f.borghese@elmansrl.it . p.fiori@elmansrl.it
JAMAICA JAMAIQUE	2JAMA01	N	The Port Authority of Jamaica <i>Attn: Captain Hopeton Delisser</i> Vice President, Harbours and Port Services	15-17 Duke Street KINGSTON Tlx 2368 PORTOPS J Tel + 1809 922 02 90 Fax + 1809 924 94 37
JAPAN JAPON	1JAPO01	N	Japan Coast Guard Maritime Traffic Department <i>Mr. Kazuhiko Masuda</i> Director General	2-1-3 Kasumigaseki, Chiyoda-ku TOKYO 100-8918 Tel + 81 3 3591 6361 Fax + 81 3 3591 3590 e-mail : kotsukikaku@kaiho.mlit.go.jp
	3JAPO01	C	Japan Aids to Navigation Association (JANA°) Mr Kenji Tanaka Chief Executive Director	Kaiji-Center Bldg 4-5, Kouji-machi, Chiyoda-ku Tokyo 102 Tel + 81 3 3230 1470 Fax + 81 3 3230 1050 E mail : tanaka-sn@jana.org.jp
	3JAPO02	C	Tokokai T. Shioyama Chief Executive Director	Room 304B Tokyo – Sakurada Bldg 1-3 Nishishimbashi 1 chome Minato-ku TOKYO 105 Tel + 81 3 3501 1054 Fax + 81 3 3507 0727 e-mail : tokokai-senmu@asahi.email.ne.jp
	4JAPO01	I	Sena & Vans Co; Ltd. <i>Mr. Katsumi Mori,</i> President Mr Susumu Hosokawa, General Manager	Dai-ichi Sougou BDLG, 5F 1-6-6 Haneda- Kukou Ohta- ku TOKYO 144-0041 Tel + 81 3 5708-7300 Fax + 81 3 5708-0151 Email hosokawas@s-vans.com

	4JAPO02	I	Japan Radio Co. Ltd. <i>Mr. Shoichi Kuromori</i> <i>Network and Communication Group</i> <i>Engineering Department</i> <i>Marine Electronics Division</i>	1-1, Shimrenjaku 5 Chome Mitaka-Shi, TOKYO 181-8510 Tel: + 81 42 245 95 38 Fax: + 81 42 245 99 57 Email: jo7573_kuromori@m1.jrc.co.jp Web: www.jrc.co.jp
	4JAPO03	I	Nippon Koki Kogyo Co. Ltd	290 Shimohirama – Saiwai-ku Kanagawa Pref. 211 KAWASAKI Tel + 81 44 522 63 41 Fax + 81 44 555 71 66 e-mail: hiroshi_ueno@nipponkoki.co.jp
	4JAPO06	I	Ryokusei Marine Communications <i>Export Marketing Dept.</i>	15-14 Tsukiji 2 chome Chuoku – TOKYO 104 Tel + 81 3 3542 47 51 Fax + 81 3 3542 47 57 e-mail: ryokusei@ryokusei.co.jp Web: www.ryokusei.co.jp
	4JAPO07	I	Zeni Lite Buoy Co., Ltd. <i>Mr. Sakio Kato</i> <i>Invoicing address (see folder)</i>	Hankyu Express Tokyo Building 4F 3-9, Shinbashi 3-Chome Minato-ku TOKYO 105-0004 Tel + 81 3 3595 3021 Fax + 81 3 3595 3024 k-furukawa@zenilite.co.jp
	4JAPO08	I	Fujitsu Limited Special Electronic Systems Division <i>Mr. Kenji Murase, General Manager</i>	1-1, Kamikodanaka 4-chome Nakahara-ku KAWASAKI 211-8588
	4JAPO09	I	Sharp Corporation Division General Manager, Photovoltaics Division Electronics Component Group	282-1, Hajikami; Shinjo-cho Kitakatsuragi-gun NARA 639-21 Tel + 81 7456 5 1161 Fax + 81 7456 2 8253
	4JAPO10	I	NEC Corporation <i>FAO: Yoichiro Shioji – General Manager</i> Government Sales Division NEC Networks	7-1 Shiba 5-chome Minato-ku TOKYO 108-8001 Tlx 22686 NECTOK J Tel + 81 3 3798 9252 Fax + 81 3 3798 6686 e-mail: shioji@cj.jp.nec.com
	4JAPO11	I	Tokimec Inc. Maritime Traffic Systems Dept. Electronic Systems Div. <i>Mr Takashi Shimizu, Manager</i>	2-16-46 Minami Kamata Ohta-Ku, TOKYO 144-8551 Tel: + 81 3 3737 8630 Fax: + 81 3 3737 8668 Email: t-shimizu@tokimec.co.jp
KENYA	2KENY01	N	Kenya Ports Authority <i>FAO: The Managing Director</i>	P.O. Box 95009 MOMBASA Tlx 21243 DIRKPA KE Fax + 254 11 311 867
KOREA (Rep. Of) COREE (Rép. De)	1RCOR01	N	Ministry of Marine Affairs and Fisheries (MOMAF) <i>Mr. Lee, Jang-Woo, Director, Aids to Navigation Division, Maritime Safety Management Office</i>	#140-2, Gye-dong Jongro_gu Seoul 110-793 Tel + 82 2 3674 6341 Fax + 82 2 3674 6346 e-mail: ohkg@momaf.go.kr website: www.momaf.go.kr

	3RCOR01	C	The Korea Association of Aids to Navigation <i>Mr. An TAECHWAN</i> , President	HoseoB/D 5F, 455-1, Dangsang-Dong 1ga, Yeongdeungpo-Ku SEOUL Tel + 82 2 2672 7652 Fax + 82 2 2672 7847
	4RCOR01	I	KOSOLAR Co., Ltd. <i>Mr. Y. U. Kim</i> , President Sun Wook Shin, General Manager	Buwon B/D II # 902-14, Shinjeong-Dong. Yangchun-Gu SEOUL Tel + 82 2 2649 5115 Fax + 82 2 2062 2211 e-mail : lkj@kosolar.co.kr Website : www.kosolar.co.kr
	4RCOR02	I	DAEKEE Marine Corporation <i>Mr. Young K. Bang</i> , President	58-5, Sungui-Dong Cheil Bldg. 3 FI Nam-Gu, Incheon KOREA 402-812 Tel + 82 32 886 7777 Fax + 82 32 886 7500 e-mail: daekee@daekee.co.kr Website: www.daekee.co.kr
	4RCOR03	I	New Marine Engineering Co., Ltd. <i>Mr. Young-Sik, Ko and Mr. Nam-Dong, Lim</i>	#116-3, 1-Ga Namhang-Dong Youngdo-Gu Busan Tel: +82 051 416 9846 Fax: +82 051 416 9895 e-mail: nm980218@hanmir.com Website: www.newmarine.co.kr
	4RCOR04	I	Woori Marine Co., Ltd. <i>Mr. Yong-Jae, Lee</i> , President	#301, Jangrok Bldg. 1289-4 Guweol-Dong Namdong-Gu Incheon Tel +82 032 467 3295 Fax +82 032 467 3298 e-mail: woorimarine@kornet.net
	4RCOR05	I	Saracom Co.; Ltd Mr Lee Sang Gue, General Manager	141-37,3Ka, Namhang-Dong, Youngdo-ku, Busan, Tel + 51 600 90 00 Fax + 51 600 90 90
New	4RCOR06	I	Changsan IT Co; Ltd Mr Taek Gu, Gwun Director	9F Busan Sangrok B/D # 828-9 Beomil-dong Dong-Gu, BUSAN Tel + 82 51 63 7 89 32/7 Fax + 82 51 63 7 89 38 Email: tggwun@changsanit.com
KUWAIT KOWEÏT	1KOWE01	N	Ministry of Communications <i>Eng. Nabil Al-Turkait</i> , <i>Director of Technical Transport Sector</i>	PO Box 318 SAFAT 11111 Tel + 965 481 5193 Fax + 965 483 5968 e-mail : turkait@hotmail.com mariners@mockw.net
LATVIA LETTONIE	1LETT01	N	Latvian Hydrographic Service <i>Attn: Mr. Janis Krastins</i> , Chief of Latvian Hydrographic Service	Trijadidas iela 5 RIGA, LV 1048 Tel + 371 2 786 01 19 Fax + 371 2 706 21 23

MALAYSIA MALAISIE	1MALA01	N	Light Dues Board Peninsular Malaysia FAO: <i>Director General</i>	P.O.Box 12 42007 PORT KLANG SELANGHOR Tlx 39748 LAUT MA Tel + 60 3 3346 76 01 Fax + 60 3 3168 5289 E-mail: ahmad@marine.gov.my Website: www.marine.gov.my
	3MALA01	C	Sarawak Marine Department <i>Mr. Muhammad Razif Ahmad</i> Director of Marine	Kompleks Jabatan Laut Sarawak Lot 683, Seksyen 66 Jalan Utama, Tanah Putih 93619 Kuching, SARAWAK Tel + 60 82 484018 Fax + 60 82 331778 e-mail: jls@po.jarring.my
MEXICO Espagne	2MEXI01	N	<i>Ing. M.N. Nicolás Mateos Cardona</i> Director General de Marina Mercante	Av. Nuevo Leon n° 210 3er Piso Col. Hipodromo MEXICO, D.F. C.P. 06100 Tlx 1767239 DGOP ME Tel + 55 52 65 32 29 Fax + 55 52 75 32 74 e-mail: nmateosc@sct.gob.mx
MOZAMBIQUE	1MOZA01	N	National Institute of Hydrography and Navigation <i>Mr. Select Mundlovo</i> Director INAHINA	Avenida Karl Marx 153 MAPUTO Tlx 6-619 Tel + 258 1 43 01 86/7/8 Fax + 258 1 43 01 85 e-mail: smundlovo@inahina.gov.mz
NETHERLANDS PAYS BAS	1PAYS01	N	The Directorate General for Freight Transport FAO: <i>K. Polderman</i> , Dep. Director, Transport Safety	P.O. Box 20904 2500 EX The Hague Tel + 31 70 351 1568 Fax + 31 70 351 1548 e-mail : kees.polderman@dgg.minvenw.nl
	3PAYS03	C	Maritime Simulation Rotterdam BV <i>Mr. Henk Regelink, General Manager</i>	P.O. Box 51290 3007 GG Rotterdam Tel + 31 10 4866654 Fax + 31 10 4846071 e-mail: hregelink@msr-r.nl
	3PAYS04	C	Dutch VTS Training Foundation Bureau NNVO De Admiraliteit <i>Mr Arne.J. W. Wolters, Managing Director</i>	Admiraal Lucashof 7a(4 th floor) 3115 HM Schiedam Tel:+ 31 10 40 900 40 Fax:+ 31 10 40 900 49 Email : bureau@nnvo.nl Website : www.nnvo.nl
	3PAYS06	C	Port Authority of Amsterdam <i>Mr M. H.W Bosch</i> Senior Chief VTS Instructor Operator	P.O.Box 19406 1000 GK AMSTERDAM Tel: + 31 20 52 34 731 Fax : + 31 20 52 34 231 Email : martien.bosc@amsterdamports.nl
	3PAYS07	C	CETLE (Centre for the developpement of Transports & Logistics in Europe) <i>Mr C.C. Glansdorp, Chairman of the Board</i>	Postbus 13026 3004 HA Rotterdam Tel + 31 104 367 694 Fax + 31 104 366 484 Cees.glansdorp@cetle.org

	4PAYS14	I	HITT Holland Institute of Traffic Technology B.V. Mr Arie Herweijer	P.O. Box 717 7300 AS Apeldoorn Tel + 31 55 43 25 00 Fax + 31 55 43 25 53 e-mail : aherweijer@hitt.nl
	4PAYS17	I	FUGRO N.V. FAO : O.M. Goodman Business Development Manager	10 Veurse Achterweg P.O. Box 41 2260 AA Leidschendam Tel : + 31 70 3202703 Fax : + 31 70 3111422
	4PAYS18	I	CHL Netherlands BV Mr. Robbert Lens, Marketing and Sales Manager	P.O. Box 3072 2220 CB Katwijk Tel : +31 71 402 55 14 Fax : +31 71 402 50 78 e-mail : marketing@chl.nl
NEW ZEALAND NOUVELLE- ZELANDE	2NZEL01	N	Maritime New Zealand Ken Belt Lighthouse Engineer	109 Featherston Street P.O. Box 27006 WELLINGTON Tel + 64 4 473 0111 Fax + 64 4 473 0999 e-mail: peter.williams@maritimenz.govt.nz
	4NZEL01	I	Vega Industries Limited FAO: Libby Drummond Office Manager	Heriot Drive Poritua 6006 Tel : + 64 4 237 4393 Fax : + 64 4 237 4392 e-mail : tech@vega.co.nz Web : www.vega.co.nz
NORWAY NORVEGE	1NORV01	N	Harbour, Lighthouse & Pilotage Services Kystdirektoratet FAO :Mr Arve Dimmen Director General	Servicebox 2 6002 Ålesund Tel + 47 70 23 10 00 Fax + 47 70 23 10 08 e-mail : oyvind.stene@kystverket.no Web : www.kystverket.no
	4NORV02	I	KONGSBERG SEATEX AS FAO : Per Berntsen Senior Vice President	Pirsenteret 7462 Trondheim Tel + 47 73 54 55 00 Fax + 47 73 51 50 20 e-mail: per.berntsen@kongsberg-seatex.no website: www.kongsberg-seatex.no
	4NORV03	I	C-MAP Norway A/S FAO: Paul Elgar	P.O. Box 212 4371 Egersund Tel + 47 51 46 47 00 Fax + 47 51 46 47 01 pselgar@c-map.no
	4NORV04	I	NORCONTROL IT AS FAO: R & D Manager - Øyvind Taugl FAO: Director Sales & Marketing – Harald Ostby	P.O. Box 1024 Bromsvn. 17 N-3194 HORTEN Tel + 47 33 08 48 00 Fax + 47 33 04 57 35 e-mail: linda.rimstad@norcontrolit.com oyvind.taugl@norcontrolit.com web site : www.norcontrolit.com

OMAN (Sultanate of) OMAN (Sultanat d')	1OMAN01	N	Arabian Maritime and Navigation Aids Services <i>Mr. Stephen Bennett,</i> <i>Operations and Development Manager</i>	PO Box 1677 CPO Seeb PC 111 Tel + 968 24510283 e-mail: amnas@omantel.net.com Web: www.amnas-oman.com
PANAMA	2PANA01	N	Ports Engineering & Consultants Corp. <i>FAO : Eng. Miguel Ulloa</i> General Manager	West Corozal, Bld 400 P.O.Box 3143, Balboa Ancon PANAMA Republic of PANAMA Tel. + 507 317 6275 or 6649 0603(cel) Fax + 507 317 6858 e-mail : miguelulloab@hotmail.com pecc@info.net
	3PANA02	C	Autoridad del Canal de Panama Panama Canal Authority <i>FAO: Henry J Stec</i> <i>Gerente, Electronica y Telecomunicaciones</i>	P.O. Box 526725 Miami, Florida 33152-6725 Republic of Panama Tel: + 507 272 4518 or 4420 Fax : + 507 272 3692 e-mail: hstec@pancanal.com e-mail: mr bx-mr1@pancanal.com
PAPUA NEW GUINEA PAPOUASIE NOUVELLE GUINEE	2PAPO01	N	National Maritime Safety Authority <i>FAO Capt. Bayden Johnson</i> <i>Chief Executive Manager</i>	Level 2, Pacific MMI Insurance Building P.O. Box 668 Port Moresby, NCD Tel: + 675 32 11 244 Fax: + 675 32 10 873 e-mail: bjohnson@nmsa.gov.pg
PERU PEROU	2PERO01	N	Director de Hidrografia y Navegacion Marina de Guerra del Peru	Avenida Gamarra 500 C.P. 80 CHUCUITO, Callao Tel +51 1 4290300 / 4296019 Fax + 51 1 4652995 e-mail : dihidronav@dhn.mil.pe Web : http://www.dhn.mil.pe
PHILIPPINES	2PHIL01	N	Philippine Coast Guard Headquarters Office of Maritime Safety Affairs <i>Radm Damien CARLOS</i> Lcdr Joeven L Fabul PCG	139, 25 th Street, Port Area MANILA 1018 Tel/Fax: + 632 527 84 81 Fax + 632 527 38 66 e-mail : jlfabul@yahoo.com pssccentral@yahoo.com
POLAND POLOGNE	1POLO01	N	Director of Aids to Navigation Urząd Morski w Gdyni <i>Attn: Mr. Marek Ledochowski</i> Navigation Manager	Ul. Chrzanowskiego 10 81-338 GDYNIA Tlx 054285 UMOR PL Tel + 48 58 620 63 56 Fax + 48 58 620 19 36 e-mail : marled@umgdy.gov.pl web: http://www.umgdy.gov.pl
New	4POLO01	I	Sprint Ltd.Poland Mr Korand Kurpinski Project Manager	Str. Buldowlanych 64E Post code 80-298 GDANSK Tel + 48 583 407 782 Fax + 48 583 407 701 Email: konrad.kurpinski@sprint.pl
PORTUGAL	1PORT01	N	Direcção de Faróis <i>Att.: Director de Faróis</i>	Paço de Arcos 2780 OEIRAS Tlx 12587 faroismarcencom p Tel + 351 21 44 32 244 Fax + 351 21 44 10 193

	3PORT01	C	<i>The Director General</i> Instituto Hidrografico	Rua das Trinas, 49 1296 LISBOA Tel + 351 210 943 000 Fax + 351 210 943 299 e-mail : dirtecnica@hidrografico.pt web : www.hidrografico.pt
	3PORT02	C	APL – Administração do Porto de Lisboa <i>Attn : Engº. Daniel José de Freitas Esaguy</i>	Rua de Junqueira 94 1349-026 LISBOA Tel : + 351 21 392 21 75 Fax : + 351 21 392 20 07 e-mail : admin.junqueira@porto-de-lisboa.pt
	3PORT03	C	Instituto Marítimo-Portuário <i>Attn : José M Vargas Baptista,</i> VTS Project Manager	Edificio Vasco de Gama 1399-005 Lisboa Tel : + 351 213 91 45 00 Fax : + 351 213 91 46 00 e-mail : imarpor@mail.telepac.pt Web site : http://www.imarpor.pt
ROMANIA ROUMANIE	2ROUM01	N	Directia Hidrografica Maritima <i>Captain Alexandru MACAVEI</i> <i>Head of Maritime Hydrographic Directorate</i>	STR. Fulgerului NR 1 CONSTANTA 8700 Tel.: + 40 41 651040 Fax: + 40 41 513065 e-mail: carto@gmb.ro
	3ROUM01	C	Romanian Naval Authority European Integration & International Relation Directorate <i>Capt Paul Branza</i> <i>General Director</i>	Constanta Port N°1 900900 Constanta Tel : +40 241 61.61.24/60.22.29 Fax : +40 241 60.19.96/61.62.29 e-mail : RNA@RNA.RO
RUSSIA RUSSIE	1RUSS01	N	Principal Department of Navigation and Oceanography <i>Rear Admiral Sergey Kozlov – Director</i>	8, 11 Liniya, B-34 SAINT PETERSBOURG 199034 Tlx 121531 NAVIO SU Tel + 7 812 323 72 60 Fax + 7 812 323 75 48 e-mail: gunio@chartpilot.ru gunio@homepage.ru
	4RUSS01	I	TRANSAS Eurasia Ltd <i>FAO: Mr. Michail Kirilin</i> Vice General Director, Shore-based Systems Production Unit	54-4 Maly pr., V.O. St. Petersburg 199178 Tel + 7 812 325 3131 Fax + 7 812 325 3132 e-mail : michail.kirilin@transas.com Web : http://www.transas.com
SAUDI ARABIA ARABIE SAOUDITE	1ARAB01	N	Dept. Of LMC Saudi Ports Authority	RIYADH 11188 Tlx 401158 PORTS SJ Tel : + Fax + 966 1 403 50 72
SCOTLAND ECOSSE	1ECOS01	N	Northern Lighthouse Board <i>FAO: Capt. J. Taylor RN</i> Chief Executive	84 George Street EDINBOURG EH2 3DA Tlx 72551 G Tel + 44 131 226 70 51 Fax + 44 131 220 20 93 e-mail: jamest@nlb.org.uk
SENEGAL	2SENE01	N	Port Autonome de Dakar <i>Monsieur Bara Sady – Directeur Général</i> Chef du Service de Sécurité Maritime	21, Blvd de la Libération B.P. 3195, DAKAR Tlx 21404 PAD Tel + 221 849 45 45 Fax + 221 823 36 03 e-mail: sady@portdakar.sn

SIERRA LEONE	1SIER01	N	Sierra Leone Maritime Administration <i>Mr. Philip S J Lukuley, Executive Director</i>	Maritime House Government Wharf Ferry Terminal P.O. Box 313 Freetown Tel + 232 22 221 211 Fax + 232 22 221 215 e-mail : slma@sierratel.sl
SINGAPORE SINGAPOUR	2SING01	N	Hydrographic Department Maritime and Port Authority of Singapore <i>FAO: Mr. Parry Oei – Hydrographer</i>	20 th Storey PSA Building 460 Alexandra Road P O Box 313 SINGAPORE 119963 SINGAPORE 911141 Tel + 65 6375 1600 Fax + 65 6375 9247 Website: www.mpa.gov.sg
New	3SING01	C	BMT Asia Pacific Mr Bohdan Pillich	02-24 Nordic European Centre 3 International Business Park SINGAPORE 609927 Tel + 49 172 45 70 210 Fax + 65 627 87 646 Email: dq@bmt-ts.com
	4SING01	I	Wealth Marine Pte Ltd <i>Mr Mark Chen, General Manager</i>	130 Joo Seng Road, # 07-03A Olivine Building SINGAPORE 368357 Tel: + 65 64 87 62 32 Fax: + 65 64 87 62 30 Email: sales@wealthmarine.com.sg
SOUTH AFRICA AFRIQUE DU SUD	1AFRI01	N	National Ports Authority of South Africa <i>Attn: The Manager</i>	P.O. Box 50491 Waterfront, CAPE TOWN, 8002 Tel + 2721 449 5171/2/3 Fax + 2721 449 3663 e-mail: jamesc@npa.co.za
	3AFRI01	C	South African Maritime Safety Authority (SAMSA) <i>FAO: Dewald Jordan</i>	P.O. Box 13186 PRETORIA 0028 Street address: Hatfield Gardens, Block E 333 Grosvenor Street Hatfield 0083 PRETORIA Tel: + 27 12 3423 049 Fax: + 27 12 3423160 e-mail: djordan@samsa.org.za
	4AFRI01	I	Marine Data Solutions MDS <i>Attn: Steve J.NELL, Managing Director</i>	P.O.Box 51680 Waterfront Cape Town 8002 Tel + 27 21 386 8517 Fax + 27 21 386 8519 Mobile + 27 83 462 8599 e-mail : steven@marinedata.co.za Web : www.marinedata.co.za
SPAIN Espagne	1ESPA01	N	Puerto del Estado Area de Ayudas a la Navegación Attn : Sr. <i>Juan F Rebollo</i>	Avda. Del Partenón, 10 28042 MADRID Tel + 34 91 524 55 26 Fax + 34 91 524 55 04 e-mail : AtoN@puertos.es e-mail : jfrebollo@puertos.es Web : www.puertos.es

	3ESPA02	C	Association Industrial de Optica <i>Mr. Emilio Perez Picazo</i> Director	C/Nicolas Copernico 7, 9, 11 y 13 Apdo Correos 139 46980 PATERNA (VALENCIA) Tel. + 34 96 13 18 119 Fax + 34 96 13 18 007
	3ESPA03	C	E.P.E. Sociedad de Salvamento y Seguridad Maritima <i>Capt. Javier Gárate, FNI</i> Director	C/Fruela, 3 28011 Madrid Tel + 34 91 755 91 00 Fax + 34 91 755 91 09 E-mail : dir.madrid@sasemar.es
	4ESPA01	I	La Maquinista Valenciana, SA	Ronda Isaac Peral, 4 Parque Tecnológico de Valencia 46980 Paterna (Valencia) Tel + 34 96 1402174 Fax + 34 96 1400962 e-mail : lmv@lmvsa.com
	4ESPA04	I	SAINSEL Sistemas Navales, SA <i>Mr. Angel Iglesias</i>	c/Manuel Velasco Pando, S/N 41007 SEVILLA Tel + 34 95 493 64 44 Fax + 34 95 493 64 33
	4ESPA05	I	GMV Sistemas S.A <i>Mr Juan A. March Garcia,</i> <i>Director of Operations</i>	Parque Tecnológico de Boecillo Parcela 101, E-47151 Boecillo –VALLADOLID Tel : + 34 983 546 554 Fax : + 34 983 546 553 Email :
	4ESPA06	I	Mediterraneo Servicios Mar S.L Managing Director	Antiguas Instalaciones C.L.H Muelle de Poniente s/n 03001 ALICANTE Tel + 34 965 20 22 01 Fax + 34 965 20 69 27 Email msm_larramendi@wanadoo.es
SUDAN SOUDAN	2SOUD01	N	Sea Ports Corporation <i>Mr. Eng. Omer M. M. Nour</i> General Manager	P.O. Box 531 PORT SUDAN Tlx 70073 MINA (SD) Fax + 249 221 27 Tlx 22464 MAWANI SD (Khartoum) Fax + 249 77 93 49 (Khartoum)
SWEDEN SUEDE	1SUED01	N	Swedish Maritime Administration <i>Captain Torbjorn Edenius</i> Head of Division, Master Mariner	Östra Promenaden 7, SE-60178 NORRKÖPING Tel + 46 11 19 11 93 Fax + 46 11 12 67 91 e-mail : torbjorn.edenius@sjofartsverket.se Web: www.sjofartsverket.se
	4SUED08	I	SAAB TransponderTech AB Mr Holger Ericsson	P.O. Box 4113, SE-171 04 Solna SWEDEN Tel : + 46 13 188 000 (main) Tel : + 46 8 627 49 43 (direct) Fax : + 46 8 627 49 49 Web site : www.transpondertech.com

	4SUED09	I	True Heading AB <i>Mr. Anders Bergström, President</i>	Nybergsgåtan 6B SE-114 45 Stockholm Tel +46 8 6609060 Fax +46 8 6618020 E-mail: info@trueheading.se bergstromanders@bredband.net Website: www.trueheading.se
TANZANIA TANZANIE	1TANZ01	N	Tanzania Harbours Authority <i>Captain John K. Kwayu, Chief Marine Officer</i>	P.O.Box 9184 DAR ES SALAM Tlx 41 346 PORTREEVE Tel + 255 51 11 26 75 Fax + 255 51 1139 38 e-mail: do@tanzaniaports.com
TAIWAN TAIWAN	3FORM01	C	Taiwan Ocean University Division of Academic Exchange & Corp Fao: Dr Robert R Hwang	2, Pei-ning Road Keelung 20224 R.O.C Tel + 886 2 2462 2192/2280/2282 Fax + 886 2 2462 2799 Email: research@ntou.edu.tw
	4FORM01	I	Yu Kuang Electronics & Energy Co; Ltd Mr Jean Yang	4 Hsinheng 3th RD, Tungkang Town, PingDong Tel + 886 8 832 29 60 Fax + 886 8 832 21 60 Yukuang.m57046@msa.hinet.net
THAILAND THAILANDE	2THAI01	N	Royal Thai Navy <i>FAO: The Director</i> Hydrographic Department	222 Thanon Rim Tang Rod Fai Kao BANGKOK 10260 Tel. + 66 2 475 2251 Fax + 66 2 361 3596 e-mail : hydrotech@navy.mi.th
	3THAI01	C	Port Authority of Thailand <i>Mrs Sunida Skulratana Director General</i>	444 Tarua Road Klongtoey Bangkok 10110 Tel.: + 66 2 26 95 170 Fax : + 66 2 24 90 885 e-mail: central@port.co.th Website :www.port.co.th
TUNISIA TUNISIE	1TUNI01	N	<i>Capitaine de Vaisseau</i> Mohamed Lahbib Nejai Commandant du Service des Phares et Balises	19, rue du Port 1001 TUNIS Tel. + 216 1 259 690/697 Fax + 216 71 337 656
TURKEY TURQUIE	1TURQ01	N	General Management of Coastal Safety and Salvage Administrations <i>Capt Salih ORAKCI – Director General</i>	Meclis-i Mebusan Cad. N° 18/5 Salipazan ISTANBUL 80400 Tlx 25350 guv tr Tel + 90 212 292 52 80 Fax + 90 212 292 52 97 genelmudur@coastalsafety.gov.tr
UKRAINE	1UKRA02	N	State Hydrographic Institute of Ukraine <i>Mr. Sergey Symonento</i>	26, Elektrykiv Str. Kyiv 04176 Tel +380 44 467 60 77 Fax +380 44 416 40 68 E-mail: dudg@i.kiev.ua
UNITED KINGDOM ROYAUME UNI	3RUNI01	C	<i>Mr. Stephen Reeves</i> Head of Shipping Policy 2 DETR – Dept. Of the Environment Transport and the Regions Ports Division	4/15 Great Minster House 76 Marsham Street London SW1P 4DR Tel + 44 171 890 5456 Fax + 44 171 271 4648

**UNITED
STATES OF
AMERICA
ETATS-UNIS
D'AMERIQUE**

1EUNI01	N	The U.S. Coast Guard	2100 Second Street SW WASHINGTON D.C. 20593-0001 Tlx 892427 (att: G-OPN-2) Tel + 1 202 267 0980 Fax + 1 202 267 4222 e-mail: dholland@comdt.uscg.mil
3EUNI03	C	Crescent River Pilots Association <i>Attn. : Captain Douglas J. Grubbs</i>	8712 Highway 23 Belle Chasse, Louisiana 70037 Tel. + 1 504 392 5016 Fax + 1 504 392 7598 e-mail : cres78@aol.com
3EUNI04	C	Maritime Institute of Technology and Graduate Studies(MITAGS) <i>Mr Eric P.Friend</i>	692 Maritime Boulevard Linthicum Heights, Maryland 21090 Tel: + 1 443 989 32 59 Fax: + 1 443 989 32 06 Email: efriend@mitags.org
3EUNI05	C	American Pilot's Association Inc. <i>Capt Michael R. Watson, President</i> <i>Mr Paul.G.Kirchner, Executive Director</i>	499 South Capitol Street, S.W. Suite 409 WASHINGTON, D.C 2003 Tel: + 1 202 484 07 00 Fax: + 1 202 484 93 20 Email: captwatson@aol.com
4EUNI01	I	Automatic Power Inc.	P.O. Box 230738 HOUSTON, Texas 77223-0738 Tlx 762853 Tel + 1 713 228 52 08 Fax + 1 713 228 37 17 e-mail : atrojanowski@automaticpower.com
4EUNI02	I	Tideland Signal Corporation	P.O. Box 52430 HOUSTON, Texas 77052-2430 Tlx 762327 TICOR HOU Tel + 1 713 681 61 01 Fax + 1 713 681 62 33 e-mail :allenm@tidelandsignal.com
4EUNI10	I	Trimble Navigation <i>FAO : Dave Young</i>	749 North Mary Avenue SUNNYVALE, CA 94085 Tel + 1 408 481 80 00 Fax + 1 408 481 68 60
4EUNI18	I	Lockheed Martin Ocean Radar and Sensor Systems <i>Mr. Paolo Amadio, Director</i> Business Department Traffic Management	P.O. Box 4840 Syracuse, NEW YORK 13221-4840 Tel + 1 315 456 2100 Fax + 1 315 456 0530
4EUNI25	I	Leica Geosystems Inc. GPS <i>FAO: Gunnar Mangs</i> Business Director, Marine	23868 Hawthorne Blvd Torrance, CA 90505-5908 Tel + 1 310 791 530 Fax + 1 310 791 6108
4EUNI26	I	MariTEL Inc. <i>Mr. Gary Smith</i>	3429 Hearthstone Place Douglasville, GA 30135 Tel. : + 1 678 942 5809 e-mail : gsmith@maritelusa.com

	4EUNI28	I	L-3 Communications <i>Mrs. Margaret Browning</i>	P.O. Box 3041 Sarasota, FL 34230-3041 Tel : +1 941 379 1641 Fax : +1 941 377 5577 E-mail : peggy.browning@L-3com.com
	4EUNI29	I	ESSI Corporation Mr Kim Adams, President	3411 Highway 90 East, Broussard, Louisiana Tel + 1 337 837 3774 Fax + 1 337 837 3712 Email kadams@essicorp.com
URUGUAY	2URUG01	N	<i>Servicio de Iluminacion y Balizamiento Armada Nacional Capt Hluis Barletta</i>	Sarandi 75 CP 11.000 MONTEVIDEO Tlx 915.5500 INT 166 Tel + 598 916-12 10 Fax + 598 915 58 52 Email : serba@armada.gub.uy
VENEZUELA	2VENE01	N	Direccion de Hidrografia y Navegacion <i>Attn. : CN Luis Ojeda Pérez, Director</i>	Observatorio Naval Cagigal La Planicie 23 de Enero CARACAS Edo. Vargas 1161 Web : http://www.dhn.mil.ve
	3VENE01	C	Instituto Nacional de Canalizaciones <i>Ca. Joel Antonio Rodriguez, Vice-President</i>	Avenida Caracas Edificio Sede Apartado Postal 1060 Chuaao CARACAS Tel + 58 2 908 53 40/993 9069 (E.L) Fax + 58 2 993 08 82/959 50 37 e-mail: eduardolechin@cantv.net
VIET NAM	2VIET01	N	MSC-1 <i>Mr. Luu VAN QUANG Director General</i>	31, Da Nang Str. Hai Phong City Tel + 84 31 84 45 83 Fax + 84 31 84 67 97 e-mail: yms_office@hn.vnn.vn

**INTERNATIONAL ORGANISATIONS
ORGANISATIONS INTERNATIONALES**

**COMPANIES
COMPAGNIES**

3BAHR01 C Middle East Navigation Aids Services
Mr Alan Adamson
Marine service Manager

P.O. Box 66
MANAMA, Bahrein
Tlx 8246 BN
Fax + 973 727 765
Tel + 973 727 124
Direct line +973 828 550
Mobile +973 960 44 53
Fax + 973 727 765
e-mail: adamson@menas.com.bh

**HONORARY PERSONAL MEMBERS
MEMBRES INDIVIDUELS HONORAIRES**

Mr. M. Al Kurtass

Al Nitak for Maritime Studies
Jubail Industrial City 31961
P.O. Box 36412
Jubail
Saudi Arabia

Mr. I.G. Arjunani

347 Richvale
Piper's Meadow
Webster, Texas 77598
U.S.A.

Rear-Admiral H. Bernig

Damerover Weg 3
18059 Rostock
Germany

Mr. Thomas Melvin Boyd

9 Castlepark Road
Sandy Cove
Co. Dublin
Ireland

Mr. J. F. Bradley

30, Stone Ridge Road
Thornton, Pa. 19373
U.S.A.

M. Jean-Marie Calbet

La Font du Pin
23 route du Petit Moulin
33340 Gaillan Médoc
France

Mr Clive Davidson

C/O AMSA
Level 2
25 Constitution Avenue
GPO Box 2181
Canberra City 2181
Australia

Mr. L. Donado Robles

c/o Direccion General
de Puertos y Costas,
Ministerio de Obras Publicas
y Urbanismo
28071 Madrid
Spain

Captain Sir Malcolm Edge KCVO

13 Grantham Court
Queen's Road
Cowes
Isle of Wight PO31 8BB
England

Captain F. Eichelsheim	Merellaan 19 3145 EA Maasluis The Netherlands
Cdr. D. T. Haislip, USCG (Ret)	6302 Stratford Road Chevy Chase, Md. 20815 U.S.A. Fax + 1 301 913 5279 Tel + 1 301 656 6694
Mr. E. D. Humphrey	19 St. Clement Road Colchester Essex CO4 4LN England
Mr. A. Juliusson	Einimel 5 107 Reykjavik Iceland
Mr. Peter E. Kent	38 Stanbury Road Thruxton Andover Hampshire SP11 8N3 England
Mr. R.J. Kingston	1404-7 Horizon Court, Dartmouth Nova Scotia Canada, B3A 4R2 robertkingston@accesswave.ca
Mr. H. Kiyono	c/o JANA Kaiji-Center Bldg 4-5 Kouji-machi, Chiyoda-ku Tokyo 102 Japan
Dr. U. Klinge	Sigismundkorso 80 D-13465 Berlin Germany
Mr. G. Kop	Jupiterlaan 26 3235 Rockanje TB Netherlands
Mr. C. A. MacFarlan	Claymore 309a Broadgate Sutton St Edmund Spalding Lincolnshire PE12 0LR England
Captain P. F. Mason	23 Pishiobury Drive Sawbridgeworth Hertfordshire CM21 0AD England
H.E. . Efthimios Mitropoulos Secretary General IMO	4, Albert Embankment London SE1 7SR Tel + 44 207 735 76 11 Fax + 44 207 587 32 10 Email : info@imo.org .
Mr. H. Noda	3-8 Kita Koshigaya 3 chome Koshigaya SHI 3430026 Japan

Mr. W. O'Neil	2 Dean Wood Close Woodcote, Oxon RG8 0PW England
Cdr. Svein Ording	Peter Blegers Vei 5 Asker 1387 Norway
Mr. Frank Parker	10003 Lawrence Pond Court Laurel, MD 20708 U.S.A
Mr. E. U. Rao	13 Godavari Appartments Alaknanda New Delhi 110 019 Inde Tel 91 11 26477630 E-mail : eurao@rediffmail.com
M. J.-P. Renoux	20 place Emile Augier 75116 Paris France
Captain Kjell Reslow	Hantverkaregatan 19F 641 30 Katrineholm Sweden
Mr. L. G. Reynolds	15 Chaucer Avenue Weybridge Surrey KT13 0SS England
Cdr. G. F. Ruiz	Carolina 310 Jardin del Mar Vina del Mar Chile
Captain A. W. Spivey	89 Teignmouth Road Clevedon, North Somerset BS21 6DW England
Mr. K. C. Sutton Jones	Hunters Lodge Park Lane Ashurstwood East Grinstead Sussex RH19 3TF England
Mr. B. S. Srivathsan	"Jayasree" 649 Second Block Rajajinagar Bangalore 560 010 India
Dr J. van Tiel	10, rue du Vent d'Autan 11240 Escueillens et St Just de Belengard France
Mme C. Ville	30 rue de Groussay 78120 Rambouillet France

Sir Miles Wingate KCVO FNI

'Osprey"
3 Cranmore View
Ashley,
Tiverton,
Devon EX16 5PP
England

Mr. Gu Xiaoqian

Aids to Navigation
and Hydrographic Survey Division
Maritime Safety Administration
Ministry of Communications
11 Jianguomennei Avenue
Beijing 100736
China

Mr Bernard Zuurbier

c/o Floatex s.r.l.
Via cave 12
25050 Provaglio d'Iseo (BS)
Italie