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SSE.1/Circ.2/Rev.1  
23 March 2018

## HALON BANKING AND RECEPTION FACILITIES

1 With the adoption of the 1992 and 2000 amendments to the 1974 SOLAS Convention (resolutions MSC.27(61) and MSC.99(73)), new installations of halon fire-extinguishing systems were prohibited. However, halons need not be withdrawn from existing fire-extinguishing systems.

2 Noting that it would be useful to have information on the availability of halon banking and reception facilities at various ports around the world to recharge or decommission existing fire-extinguishing systems, it was decided by the Sub-Committee on Fire Protection (FP) to disseminate information on the availability of such facilities. Member Governments were requested (FP/Circ.1) to advise the Secretariat of any national halon banking and reception facilities established under their jurisdiction, together with their address, telephone numbers and email addresses to enable contacts for the purpose of arranging the deposit of decommissioned halons or the purchase of recycled ones.

3 Referring to the restructuring of the IMO Sub-Committees which took effect on 1 January 2014, the Sub-Committee on Ship Systems and Equipment (SSE), at its first session (10 to 14 March 2014), having considered whether the annual issue of FP.1 circulars should be continued as SSE circulars, instructed the Secretariat to issue all future circulars as SSE.1 circulars and update them only as and when necessary, in lieu of issuing them annually, i.e. as revisions to the base circulars.

4 The annex to this circular contains the latest consolidated list of halon banking and reception facilities.

5 Member Governments are requested to provide the Secretariat with information on halon banking and reception facilities, which will be included in future SSE.1 circulars. Member Governments are also requested to bring the annexed information to the attention of shipowners, ship operators and other parties concerned.

6 In this context, reference is made to MSC-MEPC.1/Circ.3 on *Decreasing availability of halons for marine uses*, requesting Member Governments to collect data on halons from the maritime sector, in particular to collect information on the number of ships equipped with halon systems (e.g. the total amount of halons installed for their merchant fleets), and to convey this information directly to the Ozone Secretariat.\*

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\* **Contact information:** Secretariat for the Vienna Convention and its Montreal Protocol – The Ozone Secretariat, United Nations Environment  
PO Box 30552-00100, Nairobi, Kenya.  
Telephone: (+254 20) 762 3851/3611  
Email: ozone.info@un.org



**ANNEX**

**HALON BANKING AND RECEPTION FACILITIES AND OTHER RELEVANT INFORMATION**

State	Name and address	Remarks										
<b>Argentina</b>	Instituto Nacional de Tecnologia Industrial (INTI) Av. Gral.Paz e/Albarellos y Constituyentes B1650WAB San Martin, Buenos Aires, Argentina Tel: (+54 11) 4724-6200/6300/6400 Website: www.inti.gov.ar Email: cecon@inti.gov.ar Ing. Ana Maria Di Pace	Procedures: 1 Users of halon 1301 installations should contact INTI. 2 The INTI offers advice and information on authorized operators. 3 The INTI analyses halon 1301 for withdrawal and recommends a destination for reception halon 1301. 4 Users should contact an authorized operator for the withdrawal of halon 1301. 5 In the case of conversion of the entire system, INTI provides a certificate to the user once the original system is withdrawn.										
<b>Australia</b>	Australian National Halon Bank Laverton North, Victoria, Australia Contact: Ms Elvira Nigido D: (+61) (0) 3 92404304 F: (+61) (0) 3 93689233 M: (+61) 413 272 275 NationalHalonBank@environment.gov.au	The National Halon Bank may supply halon to a foreign flag ship on request to service existing systems. The supply of halon will be subject to approval from the Department of the Environment and Energy, and decided on a case-by-case basis. The Australian National Halon Bank manager will seek approvals on behalf of the foreign flag ship prior to supply.  The Australian National Halon Bank can also safely dispose of contaminated halon, or halon removed from decommissioned fire protection systems.										
<b>Brazil</b>	<table border="1"> <tr> <td data-bbox="490 954 1099 1171">                             Sollax Equipamentos de Segurança                              Rua Vieira Do Couto                              286 Rocha Miranda                              CEP 21545-130                              Rio de Janeiro, Brazil                              Tel: +55 21 372 8920                              Fax: +55 21 372 8791                         </td> <td data-bbox="1099 954 1111 1383"></td> </tr> <tr> <td data-bbox="490 1171 1099 1383">                             Enchente Sistemas Contra Incendio                              Rua Ozeia Mota                              233 Higienopolis                              CEP 21061-050                              Rio de Janeiro, Brazil                              Tel: +55 21 280 2749                              Fax: +55 21 280 9294                         </td> <td data-bbox="1099 954 1111 1383"></td> </tr> </table>	Sollax Equipamentos de Segurança Rua Vieira Do Couto 286 Rocha Miranda CEP 21545-130 Rio de Janeiro, Brazil Tel: +55 21 372 8920 Fax: +55 21 372 8791		Enchente Sistemas Contra Incendio Rua Ozeia Mota 233 Higienopolis CEP 21061-050 Rio de Janeiro, Brazil Tel: +55 21 280 2749 Fax: +55 21 280 9294		<table border="1"> <tr> <td data-bbox="1111 954 1458 986">Halon types:</td> <td data-bbox="1458 954 2085 986">1211 and 1301 (recycled)</td> </tr> <tr> <td data-bbox="1111 986 1458 1018">Adopted procedures:</td> <td data-bbox="1458 986 2085 1018">ISO 7002 requirements</td> </tr> <tr> <td data-bbox="1111 1018 1458 1050">Ability:</td> <td data-bbox="1458 1018 2085 1050">receiving, supply and recharging on request</td> </tr> </table>	Halon types:	1211 and 1301 (recycled)	Adopted procedures:	ISO 7002 requirements	Ability:	receiving, supply and recharging on request
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<b>Canada</b>	Control Fire Systems Ltd. 63 Advance Road Toronto, Ontario Canada M8Z 2S6 Tel: 416-236-2371 Fax: 416-233-6814 Website: www.controlfiresystems.com	This company provides services such as dismantling, recovering, recycling and banking halon 1301.
<b>Croatia</b>	Antipiros d.o.o. Split Pujanke 77A 21000 Split Croatia Tel: +21 377 622/611 or +21 376 733/144 Fax: +21 377 622	Halon banking facilities are available as follows:  1 Halon 1301 – 1,000 kg 2 Halon 1211 – 200 kg
<b>Egypt</b>	Tbrogas Products of Egypt Headquarters Cairo Arab Republic of Egypt Tel: +202 749 5035 Fax: +202 749 5003  Port Said Free Zone Port Said, Egypt Tel: +066 325 397 Fax: +066 325 397	Facilities for storage of untreated halon gas as well as direct sale of treated halon gas are available at two stations of this company.
<b>Finland</b>	Federation of Finnish Insurance Companies Bulevardi 28 00120 Helsinki Finland Tel: +3 58 0 680 401 Fax: +3 58 0 647 540	The Government of Finland decided not to establish any halon banking facilities within its jurisdiction. However, Finnish insurance companies have established a data bank, which contains contact information of companies who have halon gas in their possession.  Enquiries concerning decommissioned halons can be made to the Federation of Finnish Insurance Companies.

State	Name and address	Remarks
<p><b>France</b></p>	<p>ABC Protection Environnement 13 rue du Compas 9142 95074 Saint-Ouen l'Aumône France Tel: +33 1 34 21 93 88 Fax: +33 1 30 37 31 85</p>	<p>The listed companies are capable of receiving halons for recycling or providing recycled halons.</p>
	<p>AMP 7 rue des Meuniers – Z.A. 91520 Egly France Tel: +33 1 69 26 93 44 Fax: +33 1 69 26 92 85</p>	
	<p>Automatismes Sicli 1 rue Yvan Pavlov 93152 Le Blanc Mesnil Cedex France Tel: +33 1 49 39 40 00 Fax: +33 1 48 65 60 04</p>	
	<p>Dehon Services 26 avenue du Petit Parc 94683 Vincennes Cedex France Tel: +33 1 43 98 75 00 Fax: +33 1 43 98 21 51</p>	
	<p>Desautel Parc d'entreprises – BP 9 01121 Mont-Luel Cedex France Tel: +33 4 72 25 33 00 Fax: +33 4 72 25 33 39</p>	

State	Name and address	Remarks
France (cont'd)	Disse Z.I. avenue Félix Louat 60300 Senlis France Tel: +33 3 44 60 95 10 Fax: +33 3 44 53 55 14	The listed companies are capable of receiving halons for recycling or providing recycled ones.
	EFMT 4 rue Colbert 92700 Colombes France Tel: +33 1 47 86 83 00 Fax: +33 1 47 80 36 03	
	Cerberus Guinard Z.I.-617 rue Fourmy – BP 20 78531 Buc Cedex, France Tel: +33 1 30 84 66 00 Fax: +33 1 39 56 42 08	
	EMS 4 rue Jean Monnet – BP 606 95196 Goussanville France Tel: +33 1 39 88 63 55 Fax: +33 1 39 88 06 73	
	Kidde Dexareo 4 rue Henri Poincaré 92160 Anthony Cedex France Tel: +33 1 46 66 08 08 Fax: +33 1 46 66 23 24	
	Sfeme Les Linards – BP 1250 03104 Montluçon Cedex France Tel: +33 4 70 08 12 00 Fax: +33 4 70 29 37 32	

State	Name and address	Remarks
Italy	<p>GIELLE Antincendio Via Ferri Rocco, 32 70022 Altamura (BA) Italy Tel: +39 080.3118998 Fax: +39 080.3101309 Contact person: Dott. Vincenzo Galantucci Email: v.galantucci@gielle.it Website: www.halonbank.net</p>	The listed companies are authorized halon banking and reception facilities for halon recovery and recycling activities.
	<p>Safety Hi-Tech Srl Via degli Olmetti 14, Z.I. 00060 Formello (RM) Italy Tel: +39 06.98267310 Fax: +39 06.98267332 Contact person: Dott. Gianluca Indovino Email: mail@safetyhitech.com Website: www.safetyhitech.com</p>	
	<p>Tazzetti Fluids Srl Corso Europa 600/a 10088 Volpiano (TO) Italy Tel: +39 011.97021 Fax: +39 011.9702496 Contact person: Ivano Bosi Email: ivano.bosi@tazzetti.com Website: www.tazzetti.com</p>	
	<p>Ecofire c/o Centro Servizi l'Acquario Reggio Calabria Italy Tel: +39 0965.595032 Fax: +39 0965.598925 Email: info@consorzioecofire.it Website: www.consorzioecofire.it</p>	

State	Name and address	Remarks
<b>Norway</b>	Spesialavfallsstasjonen Bergen Interkommunale Renholdsverk (BIR) Fleslandsvn. 244 N-5068 Flesland, Norway Tel: +47 55 22 91 33 Fax: +47 55 99 14 32	This is purely a reception facility and is not allowed to refill halon containers on board ships.
	N.SONTUN A/S Nedre Nøttveit 16, P.O. Box 124 N-5046 Rådal, Norway Tel: +47 55 13 00 94 Fax: +47 55 13 30 33	This company is allowed to store and refill halon containers on board ships. The halon capacity stored by this company to refill halon containers on board ships is between 1,000 kg and 15,000 kg.
	UNITOR P.O. Box 4 N-4033 Forus, Norway Tel: +47 51 57 01 33 Fax: +47 51 57 12 62	These companies are allowed to store and refill halon containers on board ships. The halon capacity stored by these companies to refill halon containers on board ships is between 1,000 kg and 15,000 kg.
	Maritime gmc as P.O. Box 4048 Tasta N-4004 Stavanger, Norway Tel: +47 51 84 80 00 Fax: +47 51 84 80 89	
	NOHA Brannteknikk AS Avd. Trondheim, P.O. Box 762 N-7075 Tiller, Norway Tel: +47 72 88 84 77 Fax: +47 72 88 51 65	
<b>Peru</b>		The Government of Peru has decided not to establish halon banking facilities.



State	Name and address	Remarks																
<b>Republic of Korea</b>	Hanju Chemical Co., Ltd. 326-79 Songjeong-Ri, Mado-Myeon, Hwaseong-Gun, Kyeonggi-Do, Republic of Korea Tel: +82-339-782-9591/9592/9593 Fax: +82-337-782-9595	Facilities for halon 1301 and halon 1211:  <table border="1" data-bbox="1126 316 1854 475"> <thead> <tr> <th></th> <th>Capacity (tons)</th> <th>Number</th> <th>Total (tons)</th> </tr> </thead> <tbody> <tr> <td>Fixed tank</td> <td>15</td> <td>2</td> <td>30</td> </tr> <tr> <td></td> <td>36</td> <td>1</td> <td>36</td> </tr> <tr> <td>Portable cylinder</td> <td>1</td> <td>50</td> <td>50</td> </tr> </tbody> </table>		Capacity (tons)	Number	Total (tons)	Fixed tank	15	2	30		36	1	36	Portable cylinder	1	50	50
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Portable cylinder	1	50	50															
<b>Russian Federation</b>	Company "Ozone" St. Petersburg 198330 P.O. Box 37 Russian Federation Tel/Fax: (812) 325 1373	The company offers the following services: <ol style="list-style-type: none"> <li>.1 halons 2402 and 1301 recovery, charging and recharging of fire-extinguishing systems;</li> <li>.2 supply of reclaimed halons 2402, 1301 in any containers;</li> <li>.3 disposal of unsuitable halons; and</li> <li>.4 analytical control of halons quality.</li> </ol> <p>Currently the company grants availability of reclaimed halon 2402 in amount of 10 MT and reclaimed halon 1301 in amount of 4 MT.</p>																
<b>United States</b>	Halon Recycling Corporation 2111 Wilson Boulevard, 8th Floor Arlington, Virginia 22201 United States of America Tel: +1 800 258 1283 Fax: +1 703 243 2874 Email: harc96@aol.com	The Halon Recycling Corporation (HRC) acts as the contact point both nationally and internationally for the United States halon recycling and banking and also serves as the focal point for industry and government interaction on halon recycling issues. Further information can be obtained from the HRC website at <a href="http://www.halon.org">www.halon.org</a> .																
<b>Vanuatu</b>		The Government of Vanuatu has decided not to establish halon banking facilities.																