

美國海岸防衛隊 (U.S. Coast Guard) 公告接受部分廠商所生產之壓艙水處理系統 (Ballast Water Treatment Systems, BWTS) 為替代性管理系統 (Alternate Management Systems, AMS)

本文附件清單 (來源: USCG網站, <https://homeport.uscg.mil/>) 內廠商之產品係以替代性管理系統 Alternate Management Systems (AMS) 之型式准許使用於美國水域中, 相關訊息亦可參閱 [CR技術通報\(61期, 2012.06.04\)](#)。

參考:

- 美國海岸防衛隊新聞, [Coast Guard accepts ballast water treatment systems as Alternate Management Systems \(April 16, 2013\)](#)
- [USCG HOMEPORT](#) > Missions > Environmental > Ballast Water Management Program > Alternate Management Systems (AMS) > [Alternate Management Systems for Ballast Water Treatment > Accepted Ballast Water - Alternate Management Systems \(AMS\) Listed by Date, 20170324](#)

如有任何問題, 歡迎隨時聯絡。

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No.	AMS_ID	Manufacturer	Description - Brand and Models Covered	Freshwater (< 1 PSU) (0 = No, 1 = Yes)	Brackish Water (10-20 PSU) (0 = No, 1 = Yes)	Marine Water (28 -36 PSU) (0 = No, 1 = Yes)	Acceptance Date
1	AMS-2013-Alfa Laval-PureBallast-002	Alfa Laval Yumba AB	PureBallast 2.0/2.0 Ex and associated Boll & Kirch or Hydac BalPure BWTS: BalPure models BP-6, -8, -12, -24, -32, -36, -48, -60, -75, -500, -675, -1000, -2000, -2650, -3000, -4000, and -5000, with associated filter modules	0	1	1	15-Apr-13
2	AMS-2013-STDN-BalPure-001	DeNora Water Technologies, Inc.	Ecochlor, incorporating Series 75, 100, 150, 200, 250, and 300, with associated filter housing models BS-050 to BS-1200	0	1	1	15-Apr-13
3	AMS-2013-Ecochlor-001	Ecochlor Inc.	Hyde GUARDIAN models HG60, -100, -150, -200, -250, -300, -400, -450, -500, -600, -700, -800, -900, -1000, -1250, -1350, -1400, -1488, -1600, -2000, -2500, -2975, -4000, -5000, -6000 and alternative filter housings SF50, SF70, and SF90	0	1	1	15-Apr-13
4	AMS-2013-Hyde-Guardian-001	Hyde Marine Inc.	NK-O3 BlueBallast BWTS: NK-O3 BlueBallast models NK-O3-010, -015, -030, -040, -050, -075, -100, -150, -200, -250, -300, and -400 OceanGuard™ BWTS and associated filter housing HMT-100F to -4000F	0	1	1	15-Apr-13
5	AMS-2013-NK-O3-BlueBallast-001	NK Co., Ltd.	CleanBallast(R) -150, -200, -250, -300, -350, -400, -450, -500, -500-1, -750, -1000, -1250, -1500, -1750, -2000, -2250, -2500, -2750, -3000, 3250, -3500, -3750, and CleanBallast(R) -Modular Configurations	0	1	1	15-Apr-13
6	AMS-2013-Headway-OceanGuard-001	Qingdao Headway Technology Co., Ltd.	GloEn-Patrol models P50, P150, P250, P300, P350, P500, P700, P750, P800, P900, P1000, P1200, P1500, P2000, P2500, P3000, P3500, P4000, P4500, P5000, P6000 with associated filter housings	0	1	1	29-Apr-13
7	AMS-2013-RWO-CleanBallast-001	RWO Marine Water Technology Group	BalClor BWTS: BalClor models BC-300, BC-500, BC-1000, BC-1500, BC-2000, BC-2500, BC-3000, BC-3500, BC-4000, BC-5000, BC-6000, and BC-7000, with associated filters	0	1	1	01-May-13
8	AMS-2013-PANASIA-GloEn-Patrol-001	Panasia Co., Ltd	Optimarin Ballast System and approved filter modules Micro-Kill BSF Filter, Filtrex ACB Filter, and Micro-Kill Boll Filter Selfclean	0	1	1	18-Jun-13
9	AMS-2013-SunRui-BalClor-001	SunRui Marine Environment Engineering Co., Ltd.	HiBallast System HiB-75, HiB-150, HiB-225, HiB-300A, HiB-300B, HiB-500, HiB-600, HiB-900, HiB-1000, HiB-1200, HiB-1200, HiB-1500, HiB-2000 and associated filter	0	1	1	24-Jun-13
10	AMS-2013-Optimarin Ballast System-001	Optimarin AS					
11	AMS-2013-Hyundai-HiBallast-001	Hyundai Heavy Industries, Inc.					

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12	AMS-2013-Hyundai-HiBallast-EX-001	Hyundai Heavy Industries, Inc.	HiBallast-EX System HiB-75-Ex, HiB-150-Ex, HiB-225-Ex, HiB-300A-Ex, HiB-300B-Ex, HiB-500-Ex, HiB-600-Ex, HiB-900-Ex, HiB-1000-Ex, HiB-1200-Ex, HiB-1500-Ex, HiB-2000-Ex and associated filter housing	0	1	1	24-Jun-13
13	AMS-2013-MMC BWMS-001	MMC Green Technology AS	MMC Ballast Water Management System Model 150 and Model 300 and associated filter	0	1	1	29-Aug-13
14	AMS-2013-OceanSaver MK II-001	OceanSaver AS	OceanSaver MK II models C2E-S200/ 5/13, C2E-S405/5/13, C2E-S610/5/13, C2E-S815/5/13, C2E-S1020/5/13, C2E-M1220/ 5(S)/13, C2E-M1425/5(S)/13, C2E-M1630/5(S)/13, C2E-M1835/5(S)/13, C2E-M2040/5(S)/13, C2E-M2245/5(S)/13, C2E-L2445/5(S)/13, C2E-L2650/5(S)/	0	1	1	23-Sep-13
15	AMS-2013-Headway-OceanGuard-002	Qingdao Headway Technology Co., Ltd.	OceanGuard BWTS models HMT-50, HMT-50E, HMT-100, HMT-100E, HMT-200, HMT-200-E, HMT-300, HMT-300E, HMT-450, HMT-450E, HMT-600, HMT-600E, HMT-800, HMT-800E, HMT-1000, HMT-1000E, HMT-1200, HMT-1200E, HMT-1500, HMT-1500E, HMT-2000, HMT-2000E, HMT-2500, HMT-2500E, HMT-3000, HMT-3000E	0	1	1	23-Sep-13
16	AMS-2013-Samsung Purimar-001	Samsung Heavy industries, Inc.	-1250, -1250-SF, -1500, -1500-SF, -1750, -1750 SF, -2000, -2000-SF, -2250, -2250-SF, Electro-Cleen models ECS-150B, Ex-ECS-150B, ECS-300A, Ex-ECS-300A, ECS-300B, Ex-ECS-300B, ECS-450B, Ex-ECS-450B, ECS-600A, Ex-ECS-600A, ECS-600B, Ex-ECS-600B, ECS-1000A, ECS-1000B, Ex-ECS-1000B	0	1	1	04-Oct-13
17	AMS-2013-Techcross Electro-Cleen-001	Techcross, Inc.	BSKY(TM) BWMS models: - BSKY(TM) BWMS models BSKY100, BSKY150, BSKY200, BSKY250, BSKY300, BSKY350, BSKY400, BSKY450, BSKY500, BSKY600, BSKY700, BSKY800, BSKY900, BSKY1000, BSKY1100, BSKY1200, BSKY1300, BSKY1400, BSKY1500, BSKY2000, BSKY3000, BSKY4000, BSKY5000, BSKY6000	0	1	1	04-Oct-13
18	AMS-2013-BSKYBallastWaterTreatmentSystem-001	Wuxi Brightsky Electronic Co., Ltd.	OxyClean 75, OxyClean 100, OxyClean 200, OxyClean 300, OxyClean 400, OxyClean 500, OxyClean 600, OxyClean 700, OxyClean 800, OxyClean 900, OxyClean 1000, OxyClean 1100, OxyClean 1200, OxyClean 1300, OxyClean 1400, OxyClean 1500, OxyClean 1600, OxyClean 17	0	1	1	04-Oct-13
19	AMS-2013-DESMI OxyClean BWTS-001	Desmi Ocean Guard AS		1	1	1	11-Oct-13

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20	AMS-2013-ERMA FIRST Ballast Water Treatment System-001	Erma First ESK Engineering Solutions SA	ERMA FIRST BWTS models: 50, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100	0	1	1	11-Oct-13
21	AMS-2013-JFE BallastAce-001	JFE Engineering Corporation	JFE BallastAce 4500 with Treatment Rated Capacity from 17.5 thru 4500 m3/h, and associated filter housings	0	1	1	15-Oct-13
22	AMS-2013-Kuraray MICROFADE-001	Kuraray Co., Ltd.	MICROFADE models: MF-125, -250, -375, -500, -625, -750, -1000, -1250, -1500, -1750, -2000, -2250, -2500, -2750, -3000, -3250, -3500, -3750, and -4000 with associated filter housings	0	1	1	28-Oct-13
23	AMS-2013-SAMKUN ARA PLASMA-001	Samkun Century Co. Ltd	ARA-017, -028, -039, -063, -092, -126, -150, -190, -230, -250, -300	0	1	1	28-Oct-13
24	AMS-2013-Wartsila AQUARIUS UV-001	Wartsila Water Systems, Ltd.	Wartsila AQUARIUS UV models AQ-50-UV, -80-UV, -125-UV, -180-UV, -250-UV, -300-UV, -375-UV, -430-UV, -500-UV, -550-UV, -750-UV, -850-UV, and -1000-UV, with capacities up to 6000 m3/h achieved by using multiple units in parallel Associated filter models BS-	1	1	1	28-Oct-13
25	AMS-2013-GEA Westfalia BallastMaster-001	GEA Westfalia Separator Group	BallastMaster Ultra V 250 model and associated filter units	0	1	1	11-Nov-13
26	AMS-2013-Jiangsu Nanji NiBallast-001	Jiangsu Nanji Machinery Co., Inc.	NiBallast models NB-200, NB-300, NB-400, NB-500, NB-600, NB-800, NB-1000, NB-1200, NB-1500, NB-1800, NB-2000, NB-2500, NB-3000, NB-4000, NB-5000 and associated filter units	1	1	1	15-Nov-13
27	AMS-2013-COSCO BOS-001	Cosco, Inc.	Blue Ocean Shield BWTS models BOS02 and BOS05 with treatment rated capacities of 100 to 3,500 cubic meters/hour (m3/hr)	0	1	1	19-Nov-13
28	AMS-2013-NEI VOS-001	NEI Treatment Systems, LLC	VOS models VOS-500 to -6000 with ballast water treatment rated capacities of 100 to 6,500 cubic meters/hour (m3/hr)	1	1	1	16-Dec-13
29	AMS-2014-AquaStar-001	Aqua Engineering, Inc.	AquaStar Models H-200, -200S, -250, -300, -350, -450, -550, -650, -700, and -750	0	1	1	07-Jan-14
30	AMS-2014-AquaStar-002	Aqua Engineering, Inc.	AquaStar -EX Models H-200S-EX, -300-EX, -350-EX, and -650-EX	0	1	1	07-Jan-14
31	AMS-2014-Auramarine CrystalBallast-001	Aura Marine, Inc.	CrystalBallast Models CB75 and CB250	0	1	1	07-Jan-14
32	AMS-2014-STX Smart Ballast-001	STX Heavy Industries Co., Ltd.	Smart Ballast Models SB-EC300, -EC600, -EC800, and -EC1000	0	1	1	07-Jan-14
33	AMS-2014-MAHLE OPS-001	Filtration Group GmbH	OPS-50, -100, -150, -200, -250, -300, -350, -400, -500, -600, -700, -750, -800, -900, -1000, -1100, -1250, -1500, -1750, and -2000, with associated filters	0	1	1	12-Feb-14

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34	AMS-2014-Knutzen KBAL-001	Knutzen OAS Shipping AS	Knutsen KBAL BWTS models BWTS200 and -600, with treatment rated capacities (TRC) of 200 and 600 cubic meters per hour (m ³ /hr)	0	1	1	03-Mar-14
35	AMS-2014-BIO-UV BIO-SEA-001	BIO-UV SAS	BIO-SEA® models: BIO-SEA®100, -200, -300, -400, -500, -600, -700, -800, -900, -1000, -1100, -1200, -1300, -1400, -1500, -1600, -1700, -1800, 1900, and -2000 with treatment rated capacities (TRC) of 100 to 2,000 cubic meters per hour (m ³ /hr).	0	1	1	04-Mar-14
36	AMS-2014-Hyundai EcoBallast-001	Hyundai Heavy Industries, Inc.	EcoBallast models -360,-600, -700,-720, and -1000 and associated filter housings, UV reactors, and cleaning unit	0	1	1	04-Mar-14
37	AMS-2013- JFE BallastAce-001	JFE Engineering Corporation	JFE BallastAce 4500 with Treatment Rated Capacity from 17.5 thru 4500 m3/h, and associated filter housings	0	1	1	14-Apr-14
38	AMS-2014-MacGregor-AquaStar-001	Aqua Engineering, Inc.	MacGregor-AquaStar Models H-150, H-200, -200S, -250, -300, -350, -450, -550, -650, -700, and -750	0	1	1	23-May-14
39	AMS-2014-MacGregor-AquaStar-002	Aqua Engineering, Inc.	MacGregor-AquaStar -EX Models H-200S-EX, -300-EX, -350-EX, and -650-EX	0	1	1	23-May-14
40	AMS-2013-Samsung Purimar-001	Samsung Heavy industries, Inc.	Purimar Models SP-25, SP-25(Ex), SP-50, SP-50(Ex), SP-75, SP-75(Ex), SP-100, SP-100(Ex), SP-150, SP-150(Ex), SP-200, SP-200(Ex), SP-250, SP-250(Ex), SP-300, SP-300(Ex), SP-350, SP-350(Ex), SP-400, SP-400(Ex), SP-450, SP-450(Ex), SP-500, SP-500(Ex), SP-550, SP-550(Ex), SP-600, SP-600(Ex), SP-650, SP-650(Ex)	0	1	1	23-May-14
41	AMS-2014-Alfa Laval-PureBallast-003	Alfa Laval Yumba AB	PureBallasts 3.0 models: 300, 600, 1000	0	1	1	04-Jun-14
42	AMS-2014-Alfa Laval-PureBallast-004	Alfa Laval Yumba AB	PureBallasts 3.0 Ex models: 300, 600, 1000	0	1	1	04-Jun-14
43	AMS-2014-Jiujiang OceanDoctor-001	Jiujiang Precision Measuring Technology	OceanDoctor models HBS-250, HBS-500, HBS-1000, HBS-1500, HBS-2000, HBS-2500, HBS-3000, HBS-3500, HBS-4000, HBS-500	0	1	1	06-Jun-14
44	AMS-2014-Shanghai Cyeco-001	Shanghai Cyeco Environmental Technology Co., Ltd.	B200, B250, B300, B400, B500, B600, B750, B800, B1000, B1200, B1500, B2000, B3000, B4000, B5000, B6000	0	1	1	03-Jul-14
45	AMS-2014-Trojan Marinex-001	Trojan Technologies	Trojan Marinex model 150, 250, and 500.	1	1	1	21-Jul-14
46	AMS-2014-Shanghai Hengyuan-001	Shanghai Hengyuan Marine Equipment C	Model HY-BWMS-200	0	1	1	02-Sep-14
47	AMS-2014-MES FineBallast MF-001	Mitsui Engineering & Shipping Co., Ltd	MES FineBallast models: MF-05, MF-10, MF-15, MF-20, MF-25, MF-30, MF-40, MF-50, MF-60, MF-70, MF-80, MF-90	0	1	1	15-Sep-14

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48	AMS-2014-Evoqua SeaCURE-001	Evoqua Water Technologies LLC	Evoqua SeaCURE models: SC-300-800/1, SC-500-800/1, SC-800-800/1, SC-300-800/2, SC-600-800/2, SC-800-800/2, SC-1000-1000/1, SC-1000-1000/2, SC-1500-1, SC-2000-2500/1, SC-2250-2500/1, SC-2500-2500/1, SC-2000-2500/2, SC-2400-2500/2, SC-2500-2500/2, SC-2750/1, SC-3000/1, SC-300/2, SC-4000/1, SC-4000/2	1	1	1	02-Oct-14
49	AMS-2014-Wartsila Aquarius EC-001	Wartsila Water Systems, Ltd.	AQ-250-EC, AQ-300-EC, AQ-375-EC, AQ-430-EC, AQ-500-EC, AQ-550-EC, AQ-750, AQ-850, AQ-1000, AQ-1200, AQ-1500, AQ-2000, AQ-2400, AQ-3000, AQ-3300	0	1	1	02-Oct-14
50	AMS-2014-Elite Marine Seascape-001	Elite Marine Corp.	Elite Marine Seascape model: Seascape-250-BWMS	0	1	1	03-Oct-14
51	AMS-2013-Kuraray MICROFADE-001	Kuraray Co., Ltd.	MICROFADE models: MF-125, -250, -375, -500, -625, -750, -1000, -1250, -1500, -1750, -2000, -2250, -2500, -2750, -3000, -3250, -3500, -3750, and -4000 with associated filter housings	0	1	1	10-Oct-14
52	AMS-2014-Cathelco-001	Cathelco, Ltd.	Cathelco BWTS models: A1, A2, A4, A6, A8, A10, A12	1	1	1	07-Nov-14
53	AMS-2013-Optimarin Ballast System-001	Optimarin AS	Optimarin Ballast System Ex and non-Ex (multiple models)	0	1	1	07-Nov-14
54	AMS-2014-Miura-001	Miura Co., Ltd.	Miura models: HK-200(E), HK-300(E), HK-400(E), HK-600(E)	0	1	1	21-Nov-14
55	AMS-2014-Sumitomo ECOMARINE-001	Sumitomo Electric Industries, Ltd.	ECOMARINE modes: EU-100, EU-200, EU-250, EU-350, EU-500, EU-600, EU-750, EU-850, EU-1000	0	1	1	01-Dec-14
56	AMS-2013-Hyundai-HiBallast-EX-001	Hyundai Heavy Industries, Inc.	HiBallast-EX System HiB-75-Ex, HiB-150-Ex, HiB-225-Ex, HiB-300A-Ex, HiB-300B-Ex, HiB-500-Ex, HiB-600-Ex, HiB-900-Ex, HiB-1000-Ex, HiB-1200-Ex, HiB-1500-Ex, HiB-2000-Ex and associated filter housing	0	1	1	05-Dec-14
57	AMS-2014-Hyundai EcoBallast-001	Hyundai Heavy Industries, Inc.	EcoBallast models -360,-600, -700,-720, and -1000 and associated filter housings, UV reactors, and cleaning unit	0	1	1	05-Dec-14
58	AMS-2013-RWO-CleanBallast-001	RWO Marine Water Technology Group	CleanBallast Models: -150, 150-SF, -200, -200-SF, -250, -250-SF, -300, -300-SF, -350, -350-SF, -400, -400-SF, -450, -450-SF, -500, -500-1, -500-SF, -750,-750-SF, -1000, -1000-SF, -1250, -1250-SF,-1500,-1500-SF, -1750, -1750-SF, -2000,-2000-SF, -2250, -2250-SF, -2500, -2500-SF, -2750, -2750-SF, -3000, -3000-SF, -3250, -3250-SF, -3500, -3500-SF, -3750, and -3750-SF	0	1	1	05-Dec-14

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			DESMI RayClean models: 100,200,300,400,500,600,700,800,900,1000,1100,1200,1300,1400,1500,1600,1700,1800,1900,2000,2100,2200,2300,2400,2500,2600,2700,2800,2900,3000				
59	AMS-2015-DESMI RayClean-001	Desmi Ocean Guard AS		1	1	1	30-Jan-15
60	AMS-2015-Bawat-001	Bawat Inc.	Bawat ballast water treatment system	1	1	1	12-Feb-15
			GloEn-Patrol models P50, P150, P-150-Ex, P250, P250-Ex, P300, P300-Ex, P350, P350-Ex, P500, P500-Ex, P700, P700-Ex, P750, P750-Ex, P800, P-800-Ex, P900, P900-Ex, P1000, P1000-Ex, P1200, P1200-Ex, P1500, P1500-Ex, P2000, P2000-Ex, P2500, P2500-Ex, P3000, P3000-Ex, P3500, P3500-Ex, P4000, P4000-Ex, P4500, P4500-Ex, P5000, P5000-Ex, P6000 P6000-Ex with associated filter housings				
61	AMS-2013-PANASIA-GloEn-Patrol-001	Panasia Co., Ltd		0	1	1	12-Feb-15
			Purimar Models SP-25, SP-25(Ex), SP-50, SP-50(Ex), SP-75, SP-75(Ex), SP-100, SP-100(Ex), SP-150, SP-150(Ex), SP-200, SP-200(Ex), SP-250, SP-250(Ex), SP-300, SP-300(Ex), SP-350, SP-350(Ex), SP-400, SP-400(Ex), SP-450, SP-450(Ex), SP-500, SP-500(Ex), SP-550, SP-550(Ex), SP-600, SP-600(Ex), SP-650, SP-650(Ex), SP-700, SP-700(Ex), SP-800, SP-800(Ex), SP-900, SP-900(Ex), SP-1000, SP-1000(Ex)				
62	AMS-2013-Samsung Purimar-001	Samsung Heavy industries, Inc.		0	1	1	12-Feb-15
63	AMS-2015-PACT Marine-001	PACT Environmental Technology Co., Ltd	PACT Marine model P-300	0	1	1	20-Mar-15
			OceanGuard BWTS models HMT-50, HMT-50E, HMT-100, HMT-100E, HMT-200, HMT-200-E, HMT-300, HMT-300E, HMT-450, HMT-450E, HMT-600, HMT-600E, HMT-800, HMT-800E, HMT-1000, HMT-1000E, HMT-1200, HMT-1200E, HMT-1500, HMT-1500E, HMT-2000, HMT-2000E, HMT-2500, HMT-2500E, HMT-3000, HMT-3000E				
64	AMS-2013-Headway-OceanGuard-002	Qingdao Headway Technology Co., Ltd.		0	1	1	20-Mar-15
			ERMA FIRST ESK BWTS models: 50, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000				
65	AMS-2013-ERMA FIRST BWTS-001	Erma First ESK Engineering Solutions SA		1	1	1	31-Mar-15
66	AMS-2013-SAMKUN ARA PLASMA-001	Samkun Century Co. Ltd	ARA-017, -028, -039, -063, -092, -126, -150, -190, -230, -250, -300				15-Apr-15
			PureBallasts 3.0 Ex and 3.1 Ex Models: 250, 300, 500, 600, 750, 1000, 1200, 1500, 1750, 2000, 3000				
67	AMS-2014-Alfa Laval-PureBallast-004	Alfa Laval Yumba AB		0	1	1	20-Apr-15

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68	AMS-2015-Coldharbour Marine-001	Cold Harbour Inc.	GLD (Gas Lift Diffuser) Models 100,150, 200, 250, and 300; Associated SeaGuardian IGG (Inert Gas Generator) Models 500, 1000, 1500, 2000, 3000, 4000, 5000, and 6000; Associated GCT (Gas Cooling Tower) Models 500, 1000, 1500, 2000, 3000, 4000, 5000, and BalPure production models BP-6, BP-8, BP-12, BP-24, BP-32, BP-36, BP-48, BP-60, and BP-75	0	1	1	16-Jun-15
69	AMS-2013-STDN-Balpure-001	DeNora Water Technologies, Inc.	Zhejiang Yingpeng Marine Equipment Manufacturer Co., Ltd.	0	1	1	16-Nov-15
70	AMS-2015-YP-BWMS-001	Zhejiang Yingpeng Marine Equipment Manufacturer Co., Ltd.	Zhejiang Yingpeng YP BWMS models YP-300, -500, -800, -1200	0	1	1	16-Nov-15
71	AMS-2015-KwangSan-BioViolet-001	Kwang San Co., Ltd.	Kwang San BioViolet models BioViolet-150, -250, -350, -500, -750, -1000, -1250, -1500	0	1	1	18-Nov-15
72	AMS-2013-GEA Westfalia BallastMaster-001	GEA Westfalia Separator Group	BallastMaster Ultra V 250 model and associated filter units	0	1	1	08-Jan-16
73	AMS-2015- Techcross Electro-Cleen-002	Techcross, Inc.	Freshwater only in these models: Electro-Cleen models ECS-150B, Ex-ECS-150B, ECS-300B, Ex-ECS-300B, ECS-450B, Ex-ECS-450B, ECS-600B, Ex-ECS-600B, ECS-1000B, and Ex-ECS-1000B. Marineor Brackish in the following models: Electro-Cleen models ECS-150B, Ex-ECS-150B, ECS-300A, Ex-ECS-300A, ECS-300B, Ex-ECS-300B, ECS-450B, Ex-ECS-450B, ECS-600A, Ex-ECS-600A, ECS-600B, Ex-ECS-600B, ECS-1000A, ECS-1000B, and Ex-ECS-1000B	1	1	1	08-Jan-16
74	AMS-2016-Hanla-EcoGuardian -001	Hanla IMS Co.	EcoGuardian models EGO130, 130-Ex, 250, 250-Ex, 350, 350-Ex, 500, 500-Ex, 800, 800-Ex, 1000, 1000-Ex, 1500, 1500-Ex, 2000, 2000-Ex, 2600, 2600-Ex, 3000, 3000-Ex, 4000, 4000-Ex, 6000, 6000-Ex	0	1	1	22-Jan-16
75	AMS-2013-NEI VOS-001	NEI Treatment Systems, LLC	VOS models VOS-500 to -6000 with ballast water treatment rated capacities of 100 to 6,500 cubic meters/hour (m3/hr)	1	1	1	22-Jan-16
76	AMS-2013-Jiangsu Nanji NiBallast-001	Jiangsu Nanji Machinery Co., Inc.	NiBallast models NB-200, NB-300, NB-400, NB-500, NB-600, NB-800, NB-1000, NB-1200, NB-1500, NB-1800, NB-2000, NB-2500, NB-3000, NB-4000, NB-5000 and associated filter units	1	1	1	25-Jan-16
77	AMS-2014-Miura-001	Miura Co., Ltd.	Miura models: HK-200(E), HK-300(E), HK-400(E), HK-6000(E)	1	1	1	16-Mar-16

No.	AMS_ID	Manufacturer	Description - Brand and Models Covered	Freshwater (< 1 PSU) (0 = No, 1 = Yes)	Brackish Water (10-20 PSU) (0 = No, 1 = Yes)	Marine Water (28 -36 PSU) (0 = No, 1 = Yes)	Acceptance Date
78	AMS-2016-BIO-UV BIO-SEA-001	BIO-UV SAS	BIO-SEA® models: BIO-SEA® 30-50, 30-87, 60-55, 60-87, 90-87, 100, -200, -300, -400, -500, -600, -700, -800, -900, -1000, -1100, -1200, -1300, -1400, -1500, -1600, -1700, -1800, -1900, and -2000 with treatment rated capacities (TRC) of 100 to 2,000 cubic m	0	1	1	13-Jun-16
79	AMS-2016-Sunbo-BlueZone-001	Sunbo Industries Co., Ltd.	BlueZone System DNS Models: 250, 500, 600, 1000, 1500, 2000, 2400, 3000, 4000, 5000, 6000	0	1	1	15-Jun-16
80	AMS-2016-Alfa Laval-PureBallast-001	Alfa Laval Yumba AB	PureBallast 3.0, 3.0Ex, 3.1, and 3.1Ex 3.1, models 87, 135, 170, 250, 300, 500, 600, 750, 1000, 1200, 1500, 1750, 2000, 3000	1	1	1	16-Jun-16
81	AMS-2016-NYK-SkySystem-001	Nippon Yuka Kogyo Company, Ltd.	Sky-Systems (multiple models) with treatment rated capacities from 25 -34,000 cubic meters/hour (m3/hr)	0	1	1	16-Jun-16
82	AMS-2016-Elite Marine Seascape-001	Elite Marine Corp.	Seascape Models: 150, 250, 300, 500, 600, 800, 1000, 1200, 1600, 1800, 2000, 2400, 3000, 3200, 4000, 5000	1	1	1	15-Aug-16
83	AMS-2014-Cathelco-001	Cathelco, Ltd.	Cathelco Mini Model, and Modes: A1, A2, A4, A6, A8, A10, and A12.	1	1	1	19-Sep-16
84	AMS-2016-PACT-Marine-001	PACT Environmental Technology Co., Ltd	P-200, -300, -500, -750, -1000, -1250, -1500, -2000, -2500, -3000, -4000,	0	1	1	20-Oct-16
85	AMS-2016-Headway-OceanGuard-001	Qingdao Headway Technology Co., Ltd.	HMT 50, 100, 200, 300, 450, 600, 800, 1000, 1200, 1500, 2000, 2500, 3000, 4000	0	1	1	21-Oct-16
86	AMS-2016-Trojan Marinex-001	Trojan Technologies	Marinex Models 150, 150x, 250, 250x, 500, 500x, 750, 750x, 1000, 1000x, 1250, 1250x, 1500, 1500x	1	1	1	27-Oct-16
87	AMS-2016-KT MARINE-MARINOMATE-001	KT Marine Co., Ltd	MARINOMATE 300	0	1	1	15-Nov-16
88	AMS-2016-AHEAD-001	Ahead Ocean Technology, Co.	AHEAD I, AHEAD II, AHEAD III, AHEAD IV, AHEAD V, AHEAD VI, AHEAD VII, and AHEAD VII	0	1	1	28-Nov-16
89	AMS-2016-BSKY BWTS-001	Wuxi Brightsky Electronic Co., Ltd.	BSKY Models: 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 2000, 3000, 4000, 5000, 6000	0	1	1	2-Dec-16
90	AMS-2016-PANASIA- GloEn-Patrol-001	Panasia Co., Ltd	GloEn-Patrol models P50, P150, P-150-Ex, P250, P250-Ex, P300, P300-Ex, P350, P350-Ex, P500, P500-Ex, P700, P700-Ex, P750, P750-Ex, P800, P-800-Ex, P900, P900-Ex, P1000, P1000-Ex, P1200, P1200-Ex, P1500, P1500-Ex, P2000, P2000-Ex, P2500, P2500-Ex, P3000, P3000-Ex, P3500, P3500-Ex, P4000, P4000-Ex, P4500, P4500-Ex, P5000, P5000-Ex, P6000, P6000-Ex with associated filter housings	0	1	1	8-Dec-16

No.	AMS_ID	Manufacturer	Description - Brand and Models Covered	Freshwater (< 1 PSU) (0 = No, 1 = Yes)	Brackish Water (10-20 PSU) (0 = No, 1 = Yes)	Marine Water (28 -36 PSU) (0 = No, 1 = Yes)	Acceptance Date
91	AMS-2016-Jiujiang OceanDoctor-001	Jiujiang Precision Measuring Technology Research Institute	HBS-50, -150, -250, -350, -500, -650, -750, -800, -1000, -1300, -1500, -1600, -2000 KBAL BWMS150, KBAL BWMS200, KBAL BWMS600, KBAL BWMS2000, KBAL BWMS3000	0	1	1	12-Dec-16
92	AMS-2016-Knutsen KBAL-001	Knutsen OAS Shipping AS	OPS-50, -100, -150, -200, -250, -300, -400, -500, -600, -700, -750, -800, -900, -1000, -1100, -1250, -1500, -1750, -2000	0	1	1	12-Dec-16
93	AMS-2014-MAHLE OPS-001	Filtration Group GmbH	C2E-S, C2E-M, C2E-L (multiple models of each), C2E-200 through C2E-7200 (multiple models)	1	1	1	22-Jan-17
94	AMS-2013-OceanSaver MK II-001	OceanSaver AS	BOS05 models -200 through -3000, and -200-Ex through -3000-Ex	0	1	1	22-Mar-17
95	AMS-2017-COSCO BOS-001	Cosco, Inc.	HMT 50, 100, 200, 300, 450, 600, 800, 1000, 1200, 1500, 2000, 2500, 3000, 4000	0	1	1	24-Mar-17
96	AMS -2017-Headway-OceanGuard-001	Qingdao Headway Technology Co., Ltd.					
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