



SRH MARINE ELECTRONICS SA

New building Projects Activity



SRH MARINE ELECTRONICS SA AS NEW BUILDING BRIDGE INTEGRATOR

- SRH is a well-established company in the maritime market offering full services on sales, installation - commissions, commissioning, technical support and training for Navigation, Radio communication, Satcom, Automation, Safety and other marine equipment. It is based in Piraeus, an important center of merchant marine, industry and transportation.
- We have recently announced our strategic **joint venture in Cyprus with AAGE Hempel** for BRITEM Services purposes as well as the intention to **cooperate with Zhoushan Jason Trade in Zhoushan China for New Building Projects**, being a **HEMEXPO** full membership.
- SRH is supported by a global network of well-known manufacturers (than 30) and service suppliers (more than 200 agreements worldwide) authorized by all major classifications (all IACS Members), and ISO 9001 Quality System certified.
- By maintaining quality, reliable products, variety of services, experienced and trained personnel, time-efficiency and competitive prices, SRH holds today a long list of satisfied customers worldwide (servicing more than 3000 ships resulting in more than 21 million euro turnover).

SRH Milestones in the Maritime Market

Radionaftiki (CHERMA) established in Greece	1957	
Start as Liaison Office for SAIT Marine N.V. in Greece	1995	GMDSS and Safety Equipment
	1996	Navigation Equipment, Service Department
	1997	Satellite Communication Equipment
SRH Marine Electronics becomes Greek Legal Entity (still member of SAIT Radio Holland Group)	1999	International Service Coordination Center (ISCC), Shore Based Maintenance Contracts (SBM), simulator Systems
	2002	VDR, AIS, Intercom Systems, Special Projects (Governments, Public Tenders)
	2003	Satellite Airtime Dealer, Sat TV, SSAS
	2004	Inmarsat ISP, Security Systems
	2005	VSAT Systems, IT/Network Department
	2006	S-VDR, Inmarsat
SRH Marine Electronics named as RADIO HOLLAND Greece	2007	Thrane & Thrane (Cobham) Certified Partner, OSC & Master Distribution
Certification ISO 9001:2008	2008	
Membership of CIRM, "Elite" Partner of VISADA	2009	Certified by MITSUBISHI Heavy Industries Ltd, for MET Turbochargers
	2010	Gold Partner of INMARSAT
Official Digital Distributor of UKHO	2012	Platinum Partner of INMARSAT
Worldwide ranking of UKHO distributors #46 / Tier 2	2013	
Worldwide ranking of UKHO distributors #31 / Tier 1	2014	Best Fleet Broad Band Partner 2012-2014 of Cobham
Worldwide ranking of UKHO distributors #25 / Tier 1	2015	Certification of EBEN GR (European Business Ethics Network)
Full Member of HEMEXPO (Hellenic Marine Equipment Manufacturers & Exporters).	2016	Joint Venture in Cyprus with AAGE HEMPEL MOU with ZHOUSHAN JASON TRADE Inc for ZHOUSHAN NBs

Why SRH in New Building Section

- We strongly believe that we can cooperate in direct with you offering the following benefits:
- **Full integration** for all GMDSS-Satellite-External-Internal communication, Navigation, Safety systems providing the best tailor-made solution for the shipyard.
- **One contact point for coordination** of the whole project via our company. Supervision of installation, commissioning and sea trials to be organised locally by authorised technical companies and/or by our certified and official trained engineers.
- **Full package of drawings** / documentation / equipment's' certifications prepared and supplied from our company (one point).
- **Technical consultancy**, on shipyard or owners specifications / requirements based not only on minimum regulations but on latest technologies available.
- After sales warranty coordination (following vessel delivery) via one single contact point (SRH MARINE Greece) resulting easier handling and recording for shipyard and also owner. This is organised through our ISCC department in Greece in cooperation with manufacturer's authorised service networks and our local subcontractors worldwide.

WHEELHOUSE CONSOLE

- One (1) navigation watch console of dead front and steel frame construction type will be installed – this is supplied by SRH Marine Electronics SA
- All Navigation and Communication equipment will be installed in accordance with SOLAS regulations, ITU conventions and the Global Maritime Distress and Safety System (GMDSS) respectively, for operation area A₁, A₂, A₃. or A₄ as required). Operating of the system without radio officer.
- All electric devices of the integrated navigation system on navigating bridge to be installed in the nautical console. The consoles of the bridge wings are also part of the system. Integrated navigation system and ECDIS to be provided.

TOTAL VESSELS (in years 2002-2015): 52

SRH NEWBUILDINGS - REFERENCE LISTS

Project No.	Shipyard	Vessel name / type	Description	Year of delivery
1	Tsuneishi – Japan	S1236, 37, 39, 40 / Chemical Tankers	Supply & Installation of navigation, communication, safety equipment	2002
2	Huangpu – China	MV Kima (tbn MY O' Mega) / MegaYacht	Supply & Installation of navigation, communication, safety equipment	2002
3	Tsuneishi – Japan	S1254, 55, 56, 57 / Chemical Tankers	Supply & Installation of navigation, communication, safety equipment	2003
4	Daewoo Okpo – Korea	H5239, 40, 41, 42, 43 / Chemical Tankers	Supply & Installation of navigation, communication, safety equipment	2003
5	Perama - Greece	MY Jovad / Yacht	Supply & Installation of navigation, communication, safety equipment	2003
6	STX - Korea	S1208, 09, 10, 24, 25, 26 / Chemical Tanker	Supply of Ship Security Alert System	2004
7	Perama - Greece	MY Elegant / MegaYacht	Supply & Installation of navigation, communication, safety equipment	2004
8	Montomarine - Italy	MY O' Ceanos / Yacht	Supply & Installation of navigation, communication, safety equipment	2005
9	Selah - Turkey	NB 45, 48 / Cement Carriers	Supply & Installation of navigation, communication, safety equipment	2006
10	Damen, Ocean - Ukraine	H9123, 24, 25, 26, 27 / Multi-Purpose Carrier	Supply & Installation of navigation, communication, safety equipment	2006 - 07
11	Perama - Greece	MY O' Ptasia / Yacht	Supply & Installation of navigation, communication, safety equipment	2007
12	Cosco, Shanghai - China	MV MSC Fortunate / 5,550TEU Container	Supply & Installation of navigation, communication, safety equipment	2008
13	Severnav, Turnu - Romania	HN222, 223 / Ro-Ro & Cargo Tanker	Supply & Installation of navigation, communication, safety equipment	2008 - 09
14	Qingshan – Wuhan, China	HN QS2006408, 409 / 19,800dwt Tanker	Supply & Installation of navigation, communication, safety equipment	2009 -10
15	Frantzis – Perama, Greece	HN P87 / 91m Double-End Ferry	Supply & Installation of navigation, communication, safety equipment	2009

16	Perama, Greece	MY O' Mega – MegaYacht "Partial Refit"	Supply & Installation of Radars/ECDIS, safety, VSAT, CCTV & Night Vision Cameras equipment	2009
17	Perama, Greece	MY Northwind II – Yacht "Full Refit"	Supply & Installation of navigation, communication, safety equipment	2009 - 10
18	Boluomiao Shipyard, Huangpu District, Guangzhou, China	MV Western – 8,900GT General Cargo "Full Refit"	Supply of Gyrocompass / Magnetic / AP / Steering & RAIS systems equipment	2009
19	Chalkis shyd – Greece	BRG Atalanti / Cable Laying Barge	Supply & Installation of navigation, communication, safety, Satcom & VSAT-SatTV equipment	2010
20	N.Molos-Drapetsona, Greece	MV Aegean Odyssey / 190m Cruise Ferry "Full Retrofit"	Supply & Installation of navigation, communication, safety, Satcom & VSAT equipment	2010
21	Constanta shyd – Romania	BigFoot 1 / 20,000DWT Pipe Laying Barge	Supply & Installation of navigation, communication, safety & Satcom equipment	2010
22	Wadan/Okean shyd – Ukraine	HN OK30-35NIB / River-Sea Tugs	Supply & Installation of navigation, communication, safety, Satcom equipment	2010 -11
23	Voorland Shipyard – Netherlands	MY Lady Dee – 47m Yacht	Supply & Installation of navigation, communication, safety, Satcom & VSAT equipment	2011-12
24	Perama Shipyard - Greece	MV Diligence – 16,700GT Bulk Carrier	Supply & Installation of SVDR, BNWAS, Anemometer, Gyro-AP-Steering & Intercom equipment	2013
25	Perama Shipyard - Greece	MY O' Pari II – MegaYacht	Supply & Installation of Intercom/SATTV equipment	2014-15

Participant in maker's list

Shipyard	Country	Description
Tsuneishi	Japan	Supply of navigation, communication, safety equipment
Daewoo	Korea	Supply of navigation, communication, safety equipment
Hyundai HI	Korea	Supply of navigation, communication, safety equipment
STX	Korea	Supply of SSAS equipment
21C Shipbuilding	China	Supply of navigation, communication, safety equipment
Huangpu	China	Supply of navigation, communication, safety equipment
Hudong	China	Supply of navigation, communication, safety equipment
Gdynia	Poland	Supply of navigation, communication, safety equipment
Gemak	Turkey	Supply of navigation, communication, safety equipment
Selah	Turkey	Supply of navigation, communication, safety equipment
Torgem	Turkey	Supply of navigation, communication, safety equipment
Brodotrogir	Croatia	Supply of navigation, communication, safety equipment
Tole Tivat	Montenegro	Supply of navigation, communication, safety equipment
Damen, Ocean	Ukraine	Supply of navigation, communication, safety equipment
Severnav, Turnu	Romania	Supply of navigation, communication, safety equipment
Chalkis	Greece	Supply of navigation, communication, safety, Satcom & VSAT equipment
Perama	Greece	Supply of navigation, communication, safety, Satcom & VSAT equipment
Elefsis	Greece	Supply of navigation, communication, safety equipment
Neorion	Greece	Supply of navigation, communication, safety equipment
Qingshan – Wuhan	China	Supply of navigation, communication, safety equipment
Constanta	Romania	Supply of navigation, communication, safety equipment
Wadan/Okean	Ukraine	Supply of navigation, communication, safety equipment
Voorland Shipyard	Netherlands	Supply of navigation, communication, safety, Satcom & VSAT equipment

SCOPE OF SUPPLY – LIST OF EQUIPMENTS

SYSTEM DESCRIPTION	MAIN CONTRACTOR / SUPPLIER		
A. NAVIGATION EQUIPMENT			
1. RADAR PLANT			
1.1 RADAR ARPA S-BAND	SRH MARINE ELECTRONICS		
1.2 RADAR ARPA X-BAND	SRH MARINE ELECTRONICS		
2. POSITIONING NAVIGATION SYSTEM			
2.1 DGPS/GPS NAVIGATOR	SRH MARINE ELECTRONICS		
3. GYRO PLANT & STEERING CONTROL EQUIPMENT			
3.1 GYRO COMPASS	SRH MARINE ELECTRONICS		
3.2 AUTO PILOT (STEERING CONTROL SYSTEM)	SRH MARINE ELECTRONICS		
3.3 TRANSMITTING TYPE MAGNETIC COMPASS SYSTEM	SRH MARINE ELECTRONICS		
4. UNDERWATER SEARCHING SYSTEM			
4.1 ECHO SOUNDER SYSTEM	SRH MARINE ELECTRONICS		
4.2 SPEED LOG SYSTEM	SRH MARINE ELECTRONICS		
5. VOYAGE DATA RECORDER			
5.1 VOYAGE DATA RECORDER (VDR) SYSTEM	SRH MARINE ELECTRONICS		
6. AUTOMATIC IDENTIFICATION SYSTEM			
6.1 AUTOMATIC IDENTIFICATION (AIS) SYSTEM	SRH MARINE ELECTRONICS		
7. ELECTRONIC CHART DISPLAY & INFORMATION SYSTEM			
7.1 ELECTRONIC CHART DISPLAY SYSTEM (ECDIS)	SRH MARINE ELECTRONICS		
8. BRIDGE NAVIGATION WATCH ALARM SYSTEM			
8.1 BRIDGE NAVIGATION WATCH ALARM SYSTEM (BNWAS)	SRH MARINE ELECTRONICS		
9. ANEMOMETER-WIND INDICATOR SYSTEM			
9.1 ANEMOMETER SYSTEM	SRH MARINE ELECTRONICS		
		B. COMMUNICATION EQUIPMENT	
		10. RADIO PLANT	
		10.1 WEATHER FAX	SRH MARINE ELECTRONICS
		10.2 SAFETY EQUIPMENT	SRH MARINE ELECTRONICS
		10.3 MAIN RADIO PLANT (GMDSS)	SRH MARINE ELECTRONICS
		10.4 SAT-COM SYSTEM INMARSAT FLEET BROADBAND	SRH MARINE ELECTRONICS
		10.5 SAT-COM SYSTEM INMARSAT-C	SRH MARINE ELECTRONICS
		10.6 VHF RADIO TELEPHONE	SRH MARINE ELECTRONICS
		C. SHIP SECURITY ALERT EQUIPMENT	
		11. SHIP SECURITY ALERT SYSTEM (SSAS) & LONG RANGE IDENTIFICATION SYSTEM (LRIT)	
		11.1 SSAS & LRIT SYSTEMS	SRH MARINE ELECTRONICS
		D. EXTERNAL COMMUNICATION & OTHER EQUIPMENT	
		12.1 VSAT EQUIPMENT	SRH MARINE ELECTRONICS
		12.2 SAT-TV EQUIPMENT	SRH MARINE ELECTRONICS
		12.3 THERMAL CAMERAS (for Navigation-Antipiracy-Ice Observation)	SRH MARINE ELECTRONICS
		E. INTERCOMMUNICATION EQUIPMENT	
		13. INTERCOM SYSTEMS	
		13.1 BATTERYLESS TELEPHONE SYSTEM	SRH MARINE ELECTRONICS
		13.2 TALK-BACK SYSTEM	SRH MARINE ELECTRONICS
		13.3 PUBLIC ADDRESS SYSTEM	SRH MARINE ELECTRONICS
		13.4 AUTOMATIC TELEPHONE EXCHANGE SYSTEM	SRH MARINE ELECTRONICS
		F. OTHER EQUIPMENT	
		14. VARIOUS OTHER SYSTEMS	
		14.1 INCLINOMETER SYSTEM	SRH MARINE ELECTRONICS
		14.2 BRIDGE ALERT MANAGEMENT (BAMS) SYSTEM	SRH MARINE ELECTRONICS

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