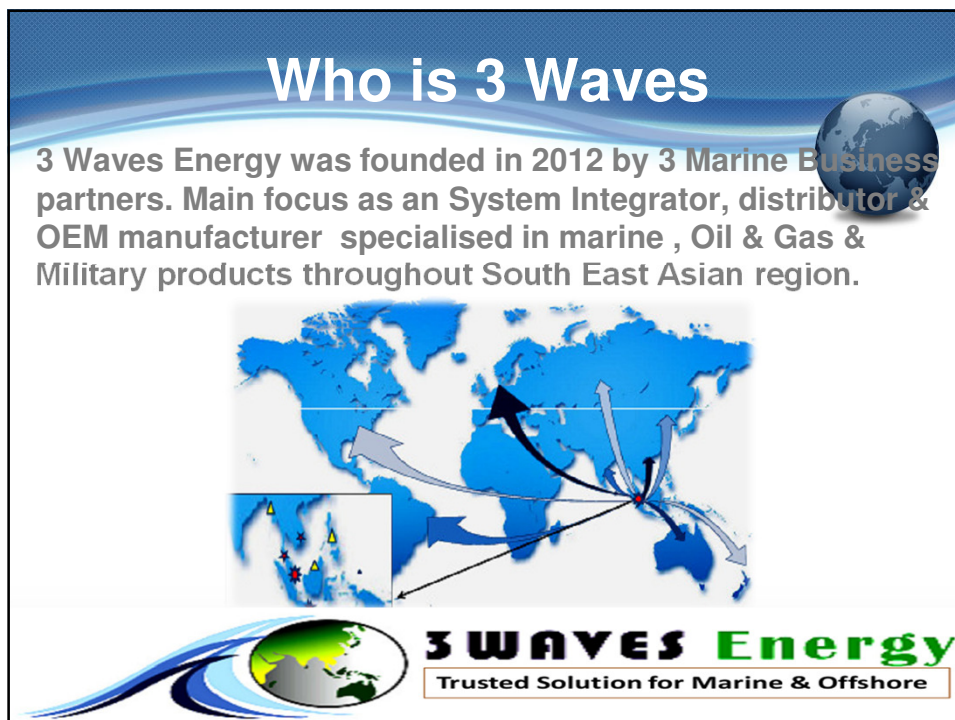
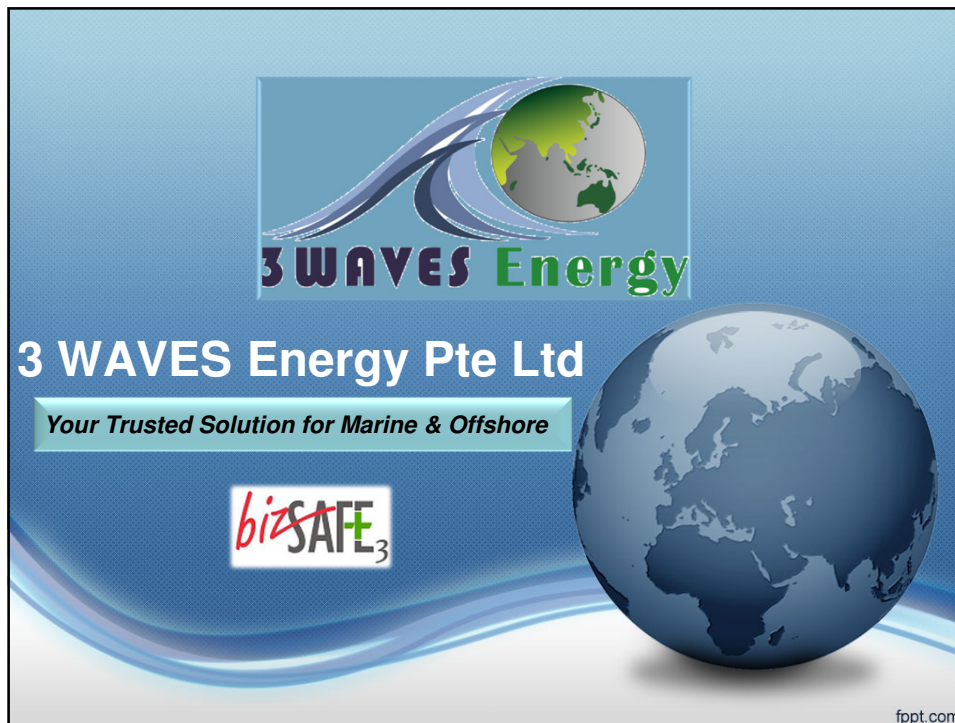
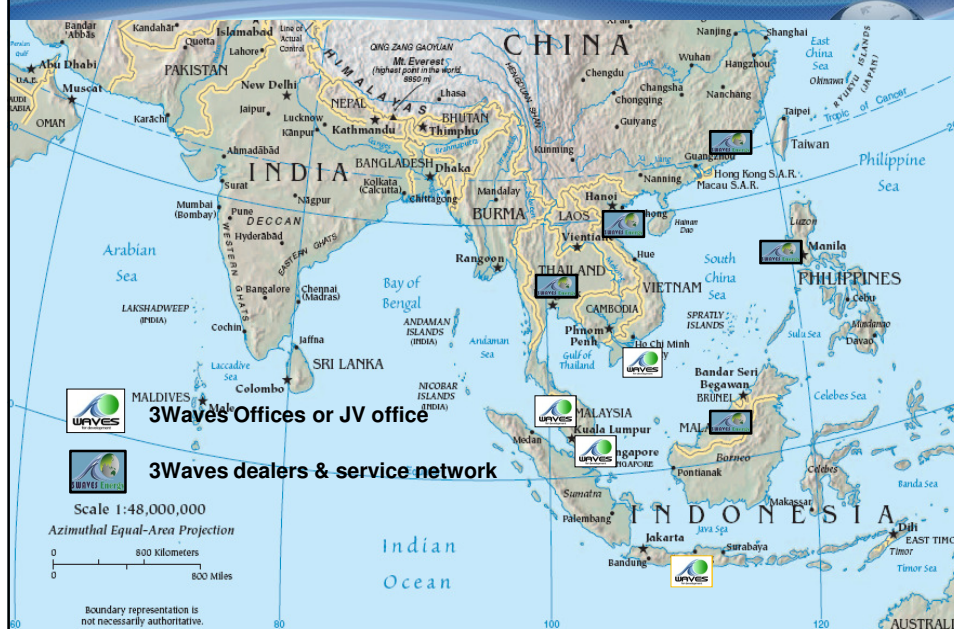




Where are 3Waves offices & Network?



3 Waves Business

Communication
Navigation, Automation &
Ballast Water Treatment



System Engineering &
Integration



Oil & Gas products &
Dynamic Positioning



Your Electronics solution provider !



Airtime & 3 waves
products



VTS Surveillance &
Simulation



Night Vision &
Military Products



3 WAVES Energy
Trusted Solution for Marine & Offshore



3 WAVES 's Core Value

3 Waves Core Value

- **Willingness**- To Listen, Learn and produced Innovative results
- **Agility** – To think, draw intellectual conclusions quickly and adapt to environment & situation changes
- **Value People**- We value every member of our team and encourage their development through Teamwork & Unity .
- **Excellence** – We strive to excel always
- **Service**- To Understand, determine and deliver what our customer want, with a high standard of professionalism and on time..

昵图网 nipic.com/brcywt

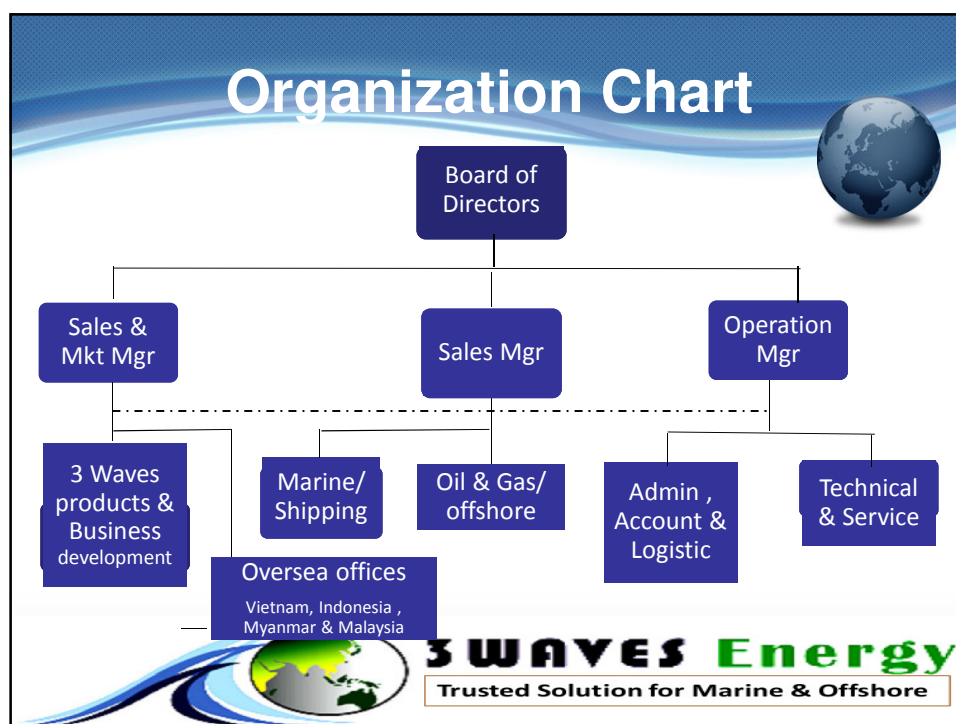
3 WAVES ENERGY COMPLETE END-TO-END SOLUTION



CONSULTATION
 SALES & DISTRIBUTION
 TECHNICAL SERVICE
 ENGINEERING, DESIGN & MANUFACTURE
 RADIO SURVEY
 TRAINING & SIMULATION
 AIRTIME AND BILLING SYSTEM



3 WAVES Energy
Trusted Solution for Marine & Offshore



3 WAVES INNOVATED products

- 3 WAVES-BNWas
- WAVE WIND
- WaveEYE
- WAVESCOMMS
- 3 WAVES SEEMP

WAVE EYE
SEE YOU DAY & NIGHT

3 WAVES Energy
Trusted Solution for Marine & Offshore

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Services with Trained Engineers

Service for our principles brands

JOTRON **SIMRAD** **SAILOR** **VEINLAND GmbH**
COBHAM

SKIPPER **SAAB** **danelec** **Servowatch**
SKIPPER ELECTRONICS AS SAAB ELECTRONICS MAKING MARINE Marine Automation & Integrated Ship Solutions
A Larsen & Toubro Company

Service for other supplier's equipment

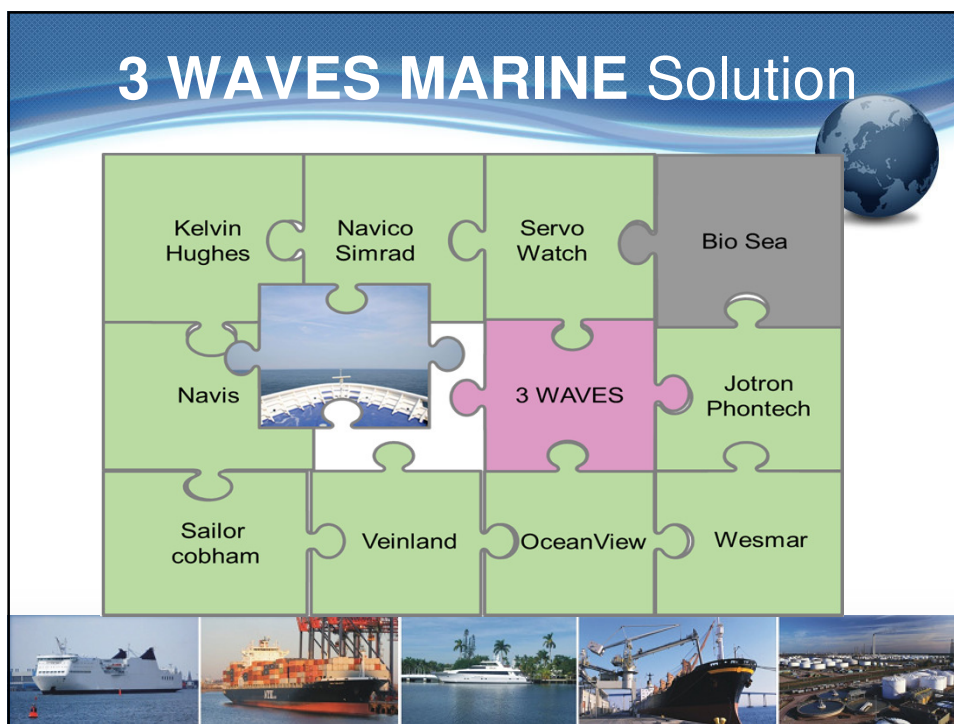
FURUNO **Raytheon** **Anschütz** **TOKIMEC** **YOKOGAWA** ◆
Yokogawa Denshikiki Co., Ltd.

Service arrangement for below compass Adjustment & Radio Survey

LITLEY & GILL **CASSENS & PLATH GmbH**

RINA **ABS** **DNV** **Lloyd's Register**

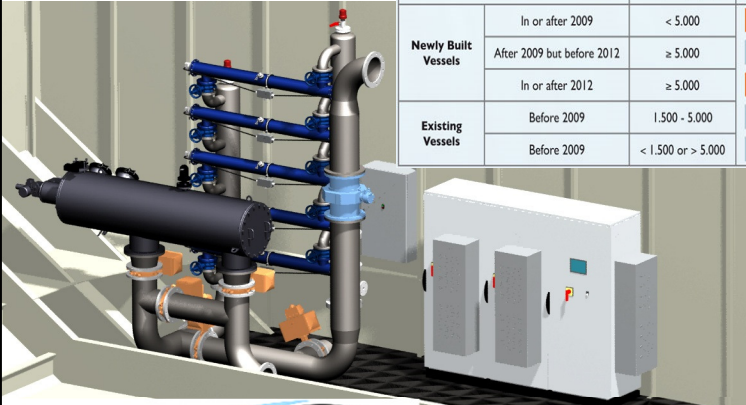




3 Waves Marine & Offshore Solution

TANKER/ CARGO	AHTS/ CREWBOATS	TUGBOAT/ YACHT	FISHING/ RESEARCH	HSC FERRIES
- GMDSS - VDR/SVDR - RADAR - ECDIS - BNWAS - GYRO - AUTOPILOT - SPT - PA & TALKBACK - INTERCOM - JOYSTICK - AMS & PMS - CCTV - BALLAST WATER TREATMENT	- GMDSS - VDR/SVDR - RADAR - ECDIS - BNWAS - GYRO - AUTOPILOT, DP, JS - SPT - PA & TALKBACK - INTERCOM - HMS - AMS & PMS - CCTV - THRUSTER	- RADAR - BNWAS - GPS - RADIO - EPIRB - SART - AIS - JOYSTICK - STERING SYSTEM - PA TALK BACK - INTERCOM - FIRE ALARM - SWITCHBOARD - THRUSTER	- RADAR - LRIT & VESSEL TRACKING - RADIO - JOYSTICK - STERING SYSTEM - PA TALK BACK - INTERCOM - FIRE ALARM - SWITCHBOARD - FISH FINDER - SONAR & TRAWL - SCIENTIFIC - SOUNDER & MULTI BEAM SONAR - RADIO & SAT BOUY - CAPSAT CHART	- GMDSS - VDR/SVDR - RADAR - ECDIS & PIS - SATCOM - GYRO - AUTOPILOT - SPT - PA (DUAL LOOP) - ENTERTAINMENT - LAN - CCTV - STABILIZER - AMS & PMS - HSC NIGHT VISION CAMERA

Ballast Water Treatment Plant



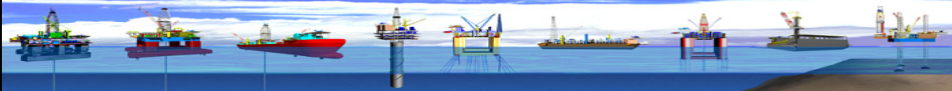
Timeline For Vessels' Equipment							
Year of Construction		Ballast Water Capacity (m ³)	2012	2013	2014	2015	2016
Newly Built Vessels	In or after 2009	< 5,000	D2				
	After 2009 but before 2012	≥ 5,000	D1 or D2				D2
	In or after 2012	≥ 5,000	D2				
Existing Vessels	Before 2009	1,500 - 5,000	D1 or D2		D1		
	Before 2009	< 1,500 or > 5,000	D1 or D2		D2		


3WAVES Energy
 Trusted Solution for Marine & Offshore

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3 Waves Energy Pte Ltd

Oil & Gas Division

Oil & Gas SYSTEM INTEGRATOR

NAVIGATION SYSTEM . GMDSS . HELI-COMMUNICATIONS . PA/GA .
VOIP TELEPHONE SYSTEM . IP CCTV . TVRO & IPTV ENTERTAINMENT
SYSTEM . VSAT & SATCOM SOLUTIONS . NIGHT VISION .
VTMS . LAN . WAVE RADAR . HMS & METEOROLOGY SYSTEM

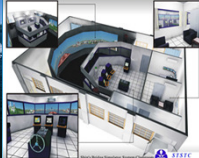
The collage features a central image of the 'DEEP WATER DISCOVERY' ship. Surrounding it are various pieces of equipment: a satellite dish (top left), a communication console (top center), a night vision device (top right), a large server rack (right), a radar system (bottom right), a SAILOR brand device (bottom center), a VTMS unit (bottom left), a wave radar (bottom center-left), and a communication console (bottom left).

**System Integration
and More**

The collage features a central image of an offshore oil rig. Surrounding it are various pieces of equipment: a satellite dish (top left), a SAILOR brand device (top center), a night vision device (top right), a large server rack (right), a radar system (bottom right), a SAILOR brand device (bottom center), a VTMS unit (bottom left), a wave radar (bottom center-left), and a communication console (bottom left).

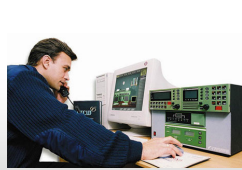
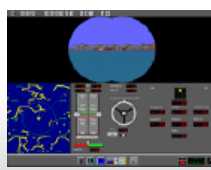
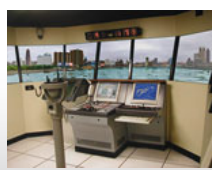
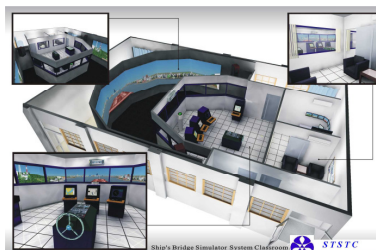


3 Waves Oil & Gas, Military, Surveillance & others Solution

				
- GMDSS - VDR - RADAR - ECDIS - SATELLITE - COMMS - GYRO - DYNAMIC POSITION - SPEED LOG - DEPTH SOUNDER - PA/GA - IP TELEPHONE/PABX - IPTV & ENT. - SATELLITE TV & VSAT - IP CCTV CAMERA - WEATHER & HMS - WAVE RADAR - SURVEILLANCE	- GMDSS - VDR - RADAR - ECDIS - BNWAS - GYRO FIBRE OPTIC - AIS (SECURED) - IBS - SPEED LOG - DEPTH SOUNDER - PA/GA - IP TELEPHONE/PABX - IPTV - SATELLITE TV & VSAT - IP CCTV CAMERA - WEATHER & HMS - WAVE RADAR - SURVEILLANCE - NIGHT VISION - IPMS & AMS - WATERPROOF - INTERCOM (small boat)	- RADAR - ECDIS - GMDSS - ENGINE ROOM - DP SIM - RECUSE SIM - TUG & OSV SIM - NAVAL SIM - CRANE SIM - BRIDGE SIM - FISHING SIM - LIQUID CARGO SIM - CREW ASSESSMENT - VTMS SIM	- RADAR - AIS SYSTEM - DAY & NIGHT CAMERA - RADIO - C2 & C4 STATION - MICRO WAVE - TELESCOPIC TOWER - AIR LIFT MOBILE VTS - UNDERWATER SONAR - GMDSS COAST STATION - AIRPORT RADAR	- GMDSS - INMARSAT - FLEET BOARDBAND - BGAN - ISAT PHONE - IRIDUM - KU BAND VSAT - SPT - C BAND VSAT - POLESTAR - VMS TRACKING

Simulation

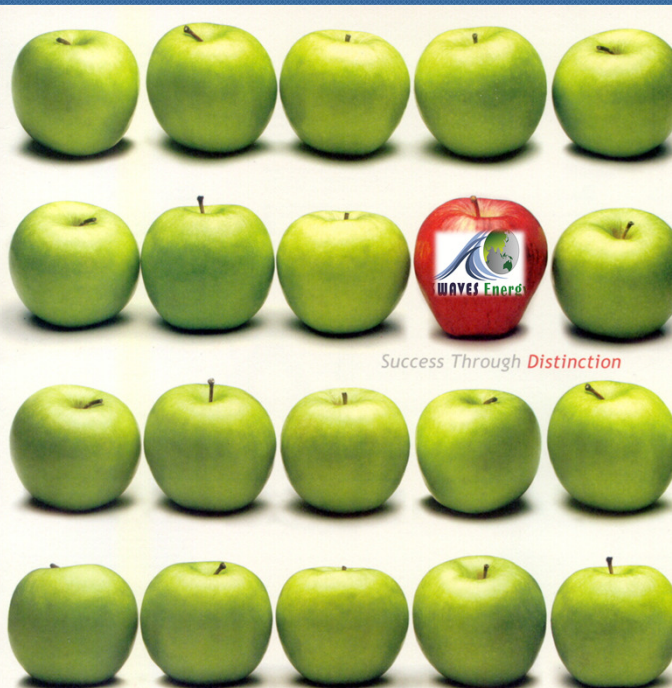
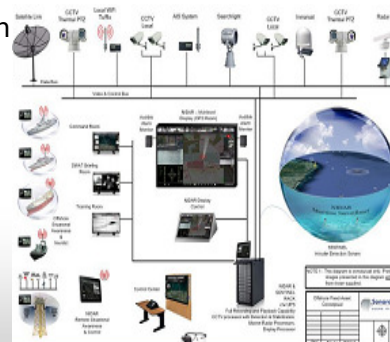
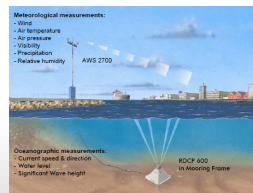
- **Bridge Simulation (From Full Mission to desktop computers)**
- **Fishing and Radar Simulators**
- **GMDSS Marine Simulators for training and GOC examinations**
- **Engine Room Simulator**
- **Liquid Cargo Handling Simulator**
- **VTMS Training Simulator**
- **Crew Assessment & Profiling SW**



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Land Projects & Base Station

- Live Video Conferencing & Data transmission Via Inmarsat
- Remote Radio Communication System
- Vehicles and Vessels Tracking System
- Vessel Tracking management System (VTMS)
- Underwater Surveillance project
- Integrated Radar Tracking, CCTV & Surveillance camera System
- DGPS/ AIS / Inmarsat Base Station
- GMDSS or Marine Radio Base Station
- Meteorological & wave projects



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