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For over 30 years

Imesa began its activity in 1972 and since then it has designed and manufactured its products inside its facilities, from the processing of the metal plates to the after-sales services. Imesa is able to effectively meet the requirements of the most demanding customers thanks to the diligence and professionalism of experienced and motivated collaborators.

As regards the electrical and mechanical design, thanks to the latest state-of-the-art software customized for its own demands, Imesa succeeds in finding intelligent solutions for every type of planning complexity. Over all these years Imesa has interpreted Quality as a way of life and has obtained the most important certifications like ISO 9001:2000 and ISO 14001.

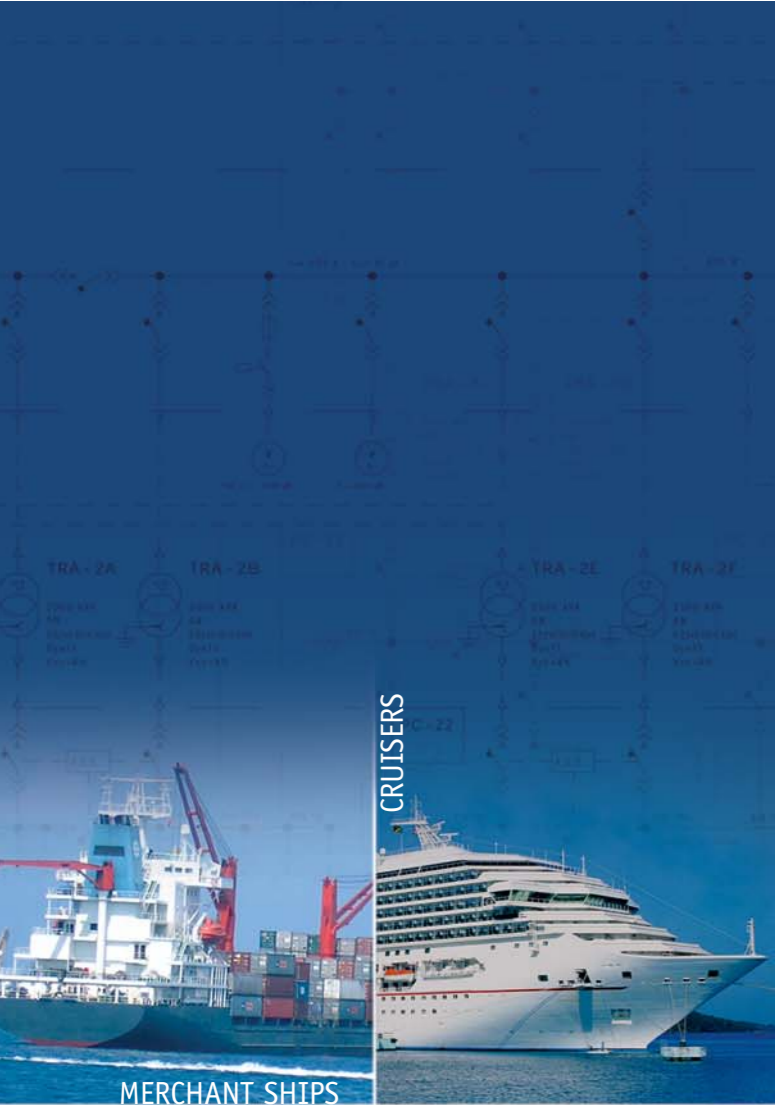


Past



Present





CRUISERS

MERCHANT SHIPS



MILITARY

PLATFORM



MERCHANT SHIPS
Sapura 3000
7,2kV-1600A-20kA
Sapura Crest



MILITARY SHIPS
Man Machine Interface
Groups management and control
Fincantieri
"HORIZON"
Class Frigate

In all naval sectors

Imesa boasts on its reference list a lot of prestigious projects relating to Cruise and Merchant Ships, complying with the standards and regulation of the leading classification organizations such as RINA, Det Norske Veritas, Lloyd's Register of Shipping, American Bureau Shipping.

Moreover, it designs special switchboards for navy applications subject to stringent environmental tests (shock and vibration) by authoritative certification organizations.

- Cruise ships
- Merchant ships
- Military ships
- Platforms



CRUISE SHIPS
Internal Arc Metal Clad
12kV-2500A-50kA
Fincantieri
Cruise ships Carnival
Cruise ships Costa



PLATFORMS
Internal Arc Motor Control Center
with plug-in drawers "MCC32"
690V-50kA-3200A



Technology and evolution

The continuous progress of technology imposes innovative applications of last generation. Being aware of such rapid evolution, Imesa designs and produces its own electrical switchboards always looking to the future.

Main Switchboard
440V-5780A-75KA
Fincantieri
(Italy-France project)
"HORIZON"
Class Frigate



Main Distribution Switchboard
660V-4000A-74kA
Fincantieri
Aircraft carrier
"Conte di Cavour"



Power Motor Control Center
690V-3000A-40kA
Fincantieri
RO-RO Passenger Vessel - Finn Lines





Partnership

Imesa is a competitive partner for customers all over the world because of the innovative strength, the technical knowledge and the solutions based on customer's needs. It constantly cooperates with system integrators which bring a substantial added value to the supply. Most demanding customers commit themselves to Imesa thanks to its "in-house experts", from design and construction to testing, commissioning and maintenance. Other appreciated features are the flexibility and the promptness to respond with innovative and reliable solutions.

Electrical Design



Manufacturing



Service



	Hull no. / Yard	Classification Register	Vessel type	Shipowner	Vessel name	Scope	Electrical data
Cruise Ships	6130 Fincantieri	Rina	Cruise liner	Costa crociere	Costa Serena	MVS Metal clad for prop. & distribution system	12 kV – 2500 A – 50 kA (diesel gen. 6x14 MVA)
	6129 Fincantieri	LR	Cruise liner	Carniva	Carnival Freedom	MVS Metal clad for prop. & distribution system	12 kV – 2500 A – 50 kA (diesel gen. 6x14 MVA)
	Lloyd Werft	DNV, ABS	Cruise liner	Norwegian Cruise Line	Pride of America	MVS Metal clad for prop. & distribution system	12 kV – 2000 A – 31.5 kA 6x10.2 MVA
	6122 Fincantieri	Rina	Cruise liner	Costa crociere	Costa Concordia	MVS Metal clad for prop. & distribution system	12 kV – 2500 A – 50 kA (diesel gen. 6x14 MVA)
	6100,6131,6132 Fincantieri	LR	Cruise liner	P&O Princess Cruises	Crown Princess/ Emerald Princess/ Ventura	Main Switchboards (LV); Small Power Panels(LV); Group of Individual Starter panels (LV); Substation Switchboards (LV);Emergency Switchboards (LV);	4x14 MVA+2x10.8 MVA
	6119,6120 Fincantieri	DNV	Ro/Ro car carrier	Neptune lines	Neptune Okeanis / Neptune Thelisis	Main Switchboards (LV); Small Power Panels(LV); Group of Individual Starter panels (LV); Substation Switchboards (LV);Emergency Switchboards (LV);	N/A
	6123,6124,6125 Fincantieri	DNV	Ro/Ro car carrier	Finnlines	Finnstar / Finn lady / Finnmaid	Main Switchboards (LV); Small Power Panels(LV); Group of Individual Starter panels (LV); Substation Switchboards (LV);Emergency Switchboards (LV);	N/A
Merchant Ships	Sembawang Shipyard	ABS	Pipe-laying Vessel	Sapura Crest Petroleum	Sapura 3000	MVS Metal clad for prop. & distribution system	7,2 kV – 1600 A – 20 kA
	Kepper Verolme	LR	Offshore construction vessel	Allseas	Audacia	MVS Metal clad for prop. & distribution system	12 kV – 2000 A – 31,5 kA
	Malta Shipyard	DNV	Transportation Vessel	Fairmount Heavy Transport	Fairmount Fjord	MVS Metal clad for prop. & distribution system	7,2 kV – 1000 A – 16 kA
	Malta Shipyard	DNV	Transportation Vessel	Fairmount Heavy Transport	Fairmount Fjell	MVS Metal clad for prop. & distribution system	7,2 kV – 1000 A – 16 kA
	Yantai Raffles Yard	DNV	Yacht Carrier	Dockwise	N/A	MVS Metal clad for prop& distribution system	7,2 kV – 1250 A – 25 kA
	6106 Fincantieri	Rina	Gas Tanker	Carbocoke International	Marola	Main Switchboards (LV); Small Power Panels(LV); Group of Individual Starter panels (LV); Emergency Switchboards (LV);	3x1250kVA; 1x1750kVA; 1x312,5VA
Military Ships	6108, 6109 Fincantieri	Italian Navy	Horizon Class Frigate	Italian Navy	N/A	Main Switchboard (LV); Small Power Panels (LV);	4x1600 kW
	6090 Fincantieri	Rinamil	Aircraft Carrier	Italian Navy	Conte di Cavour	Primary distribution Switchboard (LV); Small Power Panels (LV); Shore connection Panel (LV)	According to Navy standards
Platforms	5872 Fincantieri	Rina L	Off-shore Platform	Sana	Spirit of Columbus	Substation Switchboard; Emergency Switchboard (LV); Group Starter Panel (LV)	4x585 kW; 125 kW
	5833 Fincantieri	Rina ABS	Off-shore Platform	Saipem	Scarabeo	Power Panels; Emergency Switchboard (LV); Group Starter Panel (LV)	8x4800 kW;1500 kW
	5824 Fincantieri	Rina LR	Off-shore Platform	Micoperi	Micoperi 7000	Main Medium Voltage Switchgear; Main Switchboard (LV); Emergency Switchboard (LV)	8x5600 kW; 2800kW