



API

MARINE

POWERED BY
MT POWER



Equipment Package

ELECTRIC SOLUTION

To:		From:	API Marine
Attn:		Signature:	
REV:	B	Date:	
Project	Electrical Propulsion	Validity:	

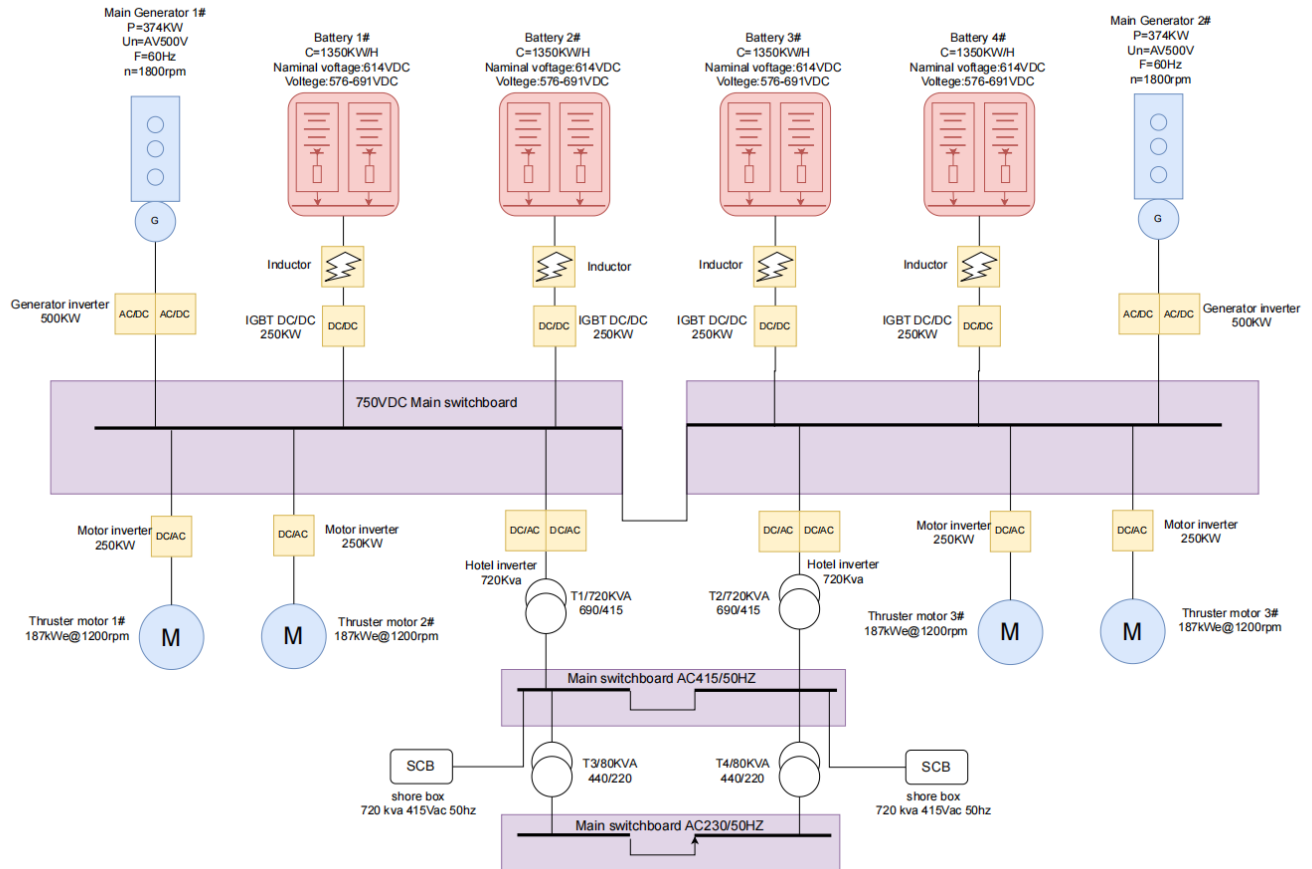
This proposal describes the equipment package included in API Marine Limited scope of supply to be installed on vessel of Electrical Propulsion ferries.

Scope of supply:

No.	Item	Qty
1	Electrical Propulsion & Power System Package	1 set

Item No.	Equipment/System	Brand	Qty
A1	Main Gen-set	Volvo	2
A2	Generator inverter AC/DC	Danfoss editron	4
A3	Generator Local Control Cabinet	MT POWER	2
B1	Battery DC/DC converter	Danfoss editron	4
B2	Inductance unit	Danfoss editron	4
B3	DC/DC converter I/O junction box	MT POWER	4
C1	Propulsion DC/AC-inverters	Danfoss editron	4
C2	Main Propulsion Electric Motors	Danfoss editron	4
C3	MT POWER propulsion local back-up control IHM	MT POWER	4

D1	Bidirectional shore/hotel inverter	Danfoss editron	4
D2	Bidirectional hotel transformer	MT POWER	2
D3	MT POWER hotel drive local back-up control HMI	MT POWER	2
E1	DC-LINK	MT POWER	2
E2	MCS (MT Control System)	MT POWER	2
F1	Alarm Monitoring System	MT POWER	1
G1	Electrical Engineering and Documentation	MT POWER	1
G2	Electrical installation and Site Management	MT POWER	1
G3	Electrical Engineering and Installation	MT POWER	1
H1	Training to crew	MT POWER	1
I1	Battery Pack	MT POWER	1



Electrical Propulsion System - ferry