

Energy Performance Indicators													
PI Aspect	Impact	Significant Sources / Uses	Destination	Significance	Objective	Compliance with	Frequency	KPI	Target	Min	Responsible	Applicability	Unit of Measure
Fuel Consumption	Air Pollution	Marine Propulsion systems and other fuel consumers as identified in each ship Specific Energy Efficiency Management Plan (SEEMP)	Environment	1	Reduction of CO2, SOX, NOX, PM Emissions and contribution to global reduction in GHG Emissions	IMO MARPOL 73/78 ANNEX VI ISO 50001 EU MRV	A	Monitoring against the set Energy Baselines	1. Remain below the established Energy Baselines	N/A	Operations & Technology	All Managed Vessels	tons / nm
Energy Efficiency	Air Pollution	Vessel Design, Marine Propulsion systems and Machinery	Environment	1	Development of more efficient ships - Strengthening the EEDI for new ships	IMO MARPOL 73/78 ANNEX VI Regulations 19,20,21 ISO 50001	A	Energy Efficiency Design Index (EEDI)	1. Attained EEDI \leq Required EEDI as stated in the International Energy Efficiency (IEE) Certificate	N/A	Innovation & Technology	All managed vessels (New ship specification. Existing vessel major conversion.)	grams CO2/tonne-mile
Engine Efficiency	Air Pollution	Engines	Environment	1	Reduction of NOX emission limits onboard	IMO MARPOL 73/78 ANNEX VI NOX Technical Code	A	NOx Technical File	1. Nox Emission Value \leq Applicable NOX Emission Limit (g/kWh) regulation 13.4 and 13.5.1 Tier II-Tier III, as stated in the Engine International Air Pollution Prevention (EIAPP) Certificate	N/A	Innovation & Technology	New buildings	g/kWh
Operational and Technical Efficiency	Air Pollution	Measures that mandate operational and technical efficiency standards implemented into each Ship Specific Energy Efficiency Management Plan (SEEMP)	Environment	2	Reduction of CO2, SOX, NOX, PM Emissions and contribution to global reduction in GHG Emissions	IMO MARPOL 73/78 ANNEX VI ISO 50001 EU MRV	A	Ship Specific Energy Efficiency Management Plan (SEEMP) PART I Appendix 1 - Annual Energy Evaluation Form	1. Percentage of the total ship specific goals achieved within the year to exceed 80%	N/A	Operations & Technology	All Managed Vessels	percentage