

Environmental Performance Indicators 2019

PI Aspect	Impact	Significant Sources / Uses	Destination	Significance	Objective	Compliance with	Frequency	KPI	Target	Min	Accountable Person	Responsible Function	Unit of Measure
Oil / Bunkers / Sludge Discharge	Damage to the environment and land. Damage to Sea and Land environment	Machinery spaces through bilge. Engine room bilge and sludge tanks	Sea & land	1	Elimination of discharges	MARPOL 73/78 ANNEX I	Q,A	Maintain 0 (zero) level of Oil pollution incidents	0	N/A	Environmental Manager	HSSE Dept.	# of incidents
Garbage disposal	Damage to the sea environment	Ships generated garbage	Sea & land	2	Prevention of marine pollution by garbage	MARPOL 73/78 ANNEX V	Q,A	Reduction of garbage disposal ashore	Reduction by 0,5% compared to last year's data	N/A	N/A	Master, Fleet Depts.	m3 / vessel
				1	Prevention of pollution by garbage	MARPOL 73/78 ANNEX V	Q,A	Average plastic waste per quarter per vessel	2m ³	N/A	N/A	Master, Fleet Depts.	m3 / vessel
Cargo vapour emissions	Atmospheric pollution	Cargo vapour	Atmosphere	1	Control of cargo emissions	MARPOL 73/78 ANNEX VI 46 CFR (39)	Q,A	0 (zero) uncontrolled cargo vapour emissions.	0	N/A	Environmental Manager	Master, Chief Engineer, Chief Officer	# of incidents
Organotin release	Organotin release	Vessel	Sea & Land	2	Prevention of sea pollution	EPA-NDPES (VGP)	Q,A	All vessels to use environmental friendly detergents (biodegradable) /fleetwise against provided quantities.	Yes	N/A	Environmental Manager	Fleet Manager, Ship Manager, Master	N/A
Air/Water Pollutants	Damage to the sea environment	Vessel	Sea & Land	4	Prevention of sea pollution	MARPOL 73/78 ANNEX IV	Q,A	Monitoring of defects of environmentally critical equipment	Qualitative	N/A	Environmental Manager	Fleet Manager, Ship Manager, Master	# of defects/#of vessels
Paper Consumption onboard and ashore	Reduction of natural resources	Vessel & Office	Sea & Land	3	Preservation of natural resources	N/A	Q,A	Monitoring of Paper Consumption onboard	Qualitative	N/A	Environmental Manager	All shipboard personnel	# of packs
Environmental Performance	Damage to the sea environment	Vessel	Sea & Land	1	Prevention of sea pollution	N/A	Q,A	Monitoring of Freon Consumption onboard	Qualitative	N/A	Environmental Manager	Fleet Manager, Ship Manager, Master	kg