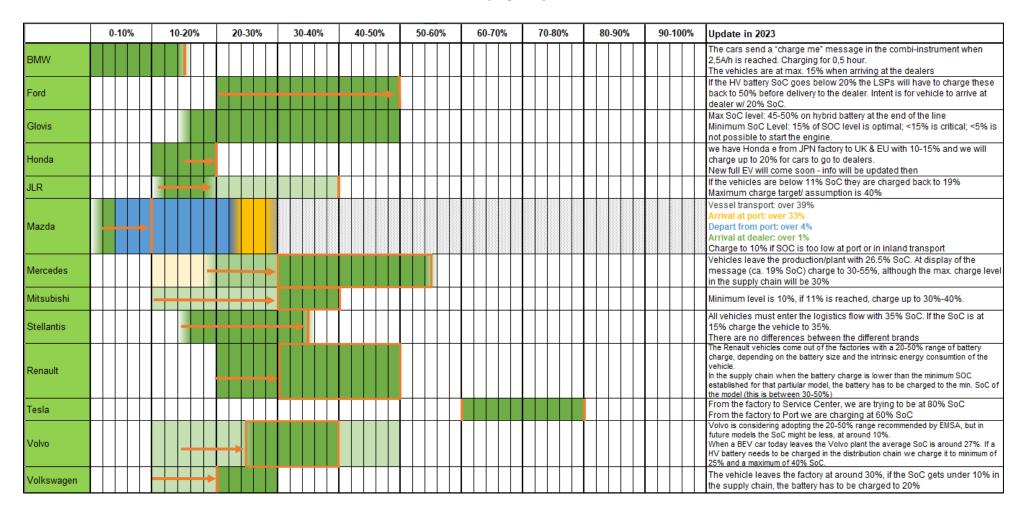


State of charge requirements for Battery Electric Vehicles in the supply chain

For OEMs





State of charge requirements

For shipping lines

	0	0-10%			10-20%		20-30%			30-40%		40-50%		50-60%			60-70%			70-80%			80-90%				0-1	00%	Comments			
EUKOR										-	 																				New or used vehicles or H&H have to be between 20% and 50%, with a recommnous SoC being at 35%. There is no physical check of the SoC - we rely on the OEMs follow our requirements	
Euro-Marine Logistics									ı						Ш																If unit is out of this range, it will not be accepted onboard.	
Finnlines																															We follow EMSA guidance on the carriage of AFVs in RO-RO spaces and IMDG guidelines	
Grimaldi Group																															If unit's SoC is over 50%, we simply do not accept it onboard unless the customer able to bring SoC within the allowed limits.	is
Höegh Autoliners									ı						Ш																If the vehicle is not within our acceptance limits the SOC must either be lowered of vehicle will have to be left behind	r the
MCCL																															Maximum SoC for deep sea: in the range of 40-50% Maximum SoC for short sea: in the range of 30-35% The minimum level depends on the clients' quality standards	
MOL								Ш							Ш																If unit is out of this range, it will not be accepted on board	
Neptune Lines																															For all the EVs we recommend to have the SoC within the 20%-50% range. Howe at the moment there are no defined mechanisms in port operations to control and ensure that the charging levels of the vehicles lie within said limits prior loading on vessels.	
NYK									T																						Acceptable range is 25%-50%. If the SoC exceeds 50%, customer should inform in advance with reason to get acceptance.	NYK
Suardiaz									T																							
Toyofuji															П																	
UECC									T						П																	
Wallenius Wilhelmsen											\																				New or used vehicles or H&H have to be between 20% and 50%, with a recommn- SoC being at 35%. There is no physical check of the SoC - we rely on the OEMs follow our requirements	