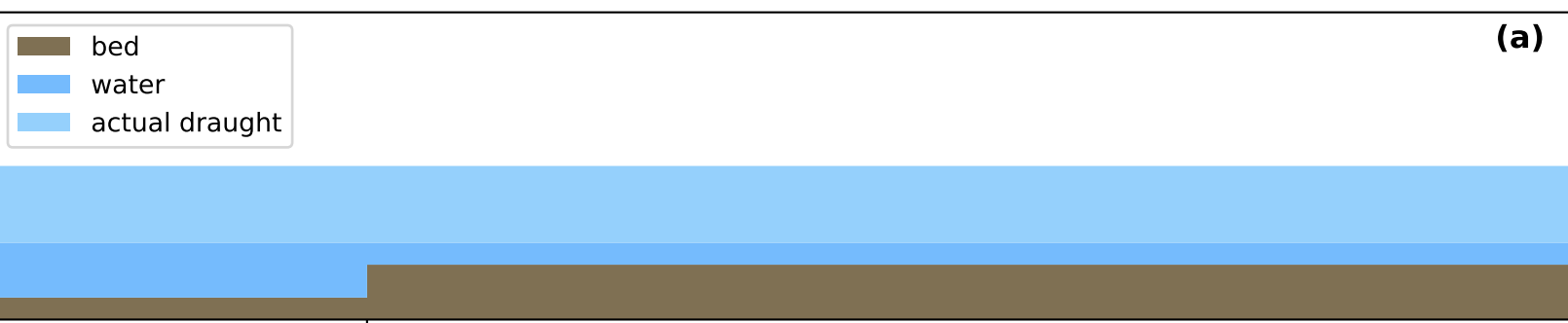
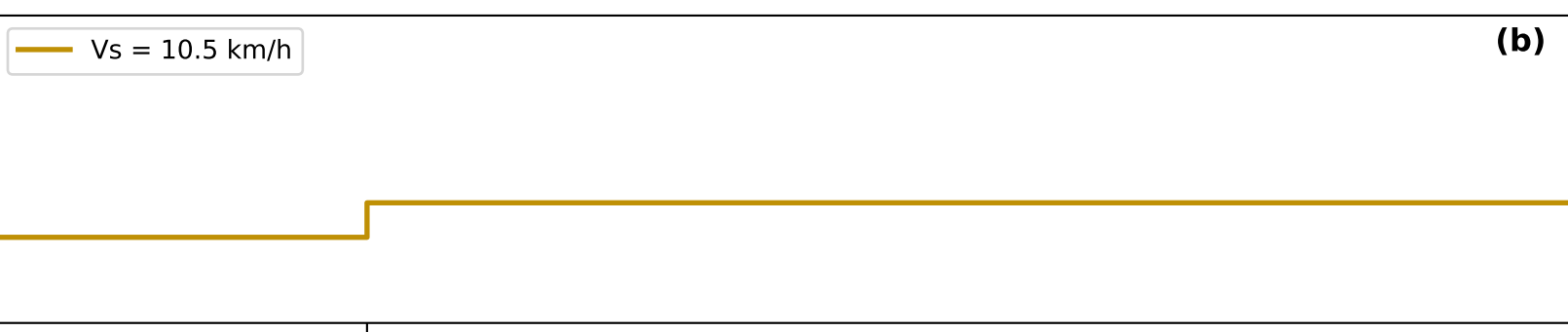


Dusseldorf- Antwerp, MVS110: $L_s = 110$ m, $B_s = 11.4$ m, $T_s = 3.5$ m, payload = 2039 ton, $P_{installed} = 1527$ kW

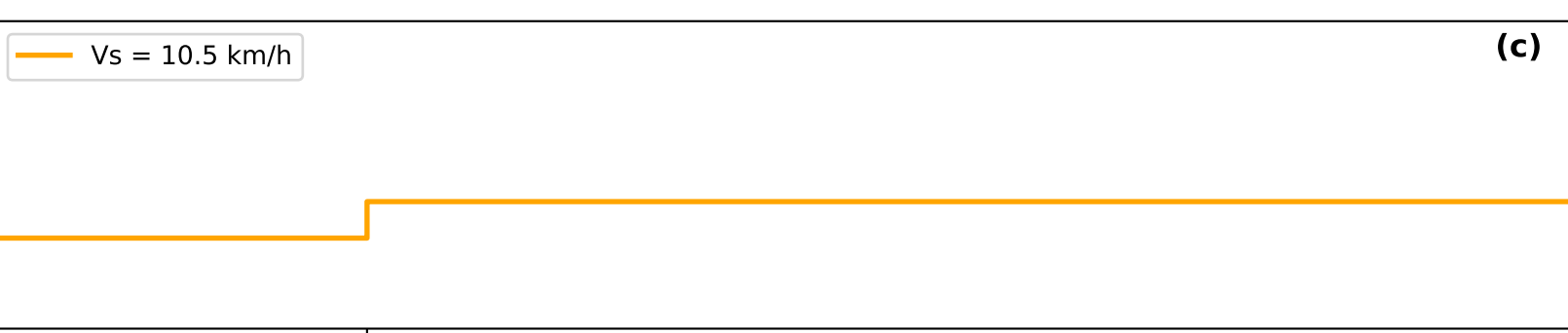
Longitudinal section
of the waterway



Fuel use
(kg/km)



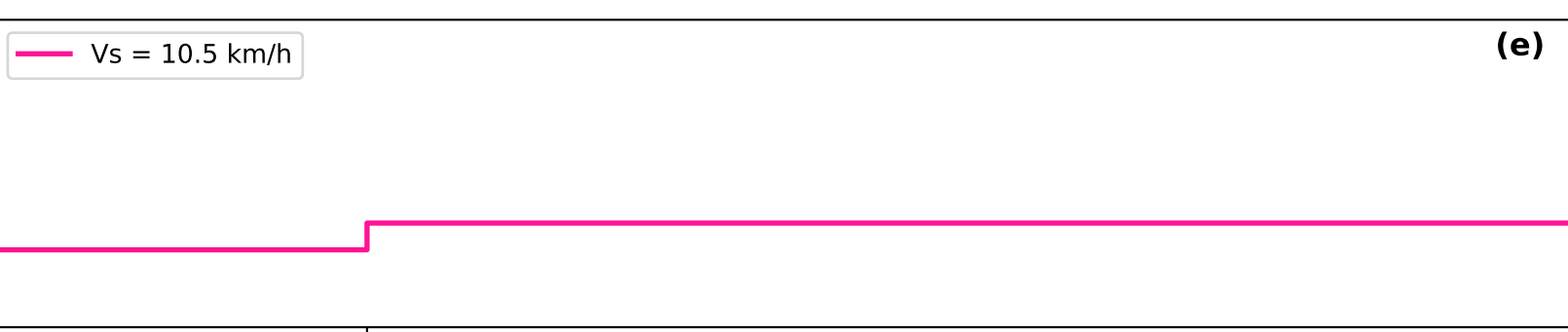
CO2 emission
rate (g/km)



PM10 emission
rate (g/km)



NOx emission
rate (g/km)



distance (km)