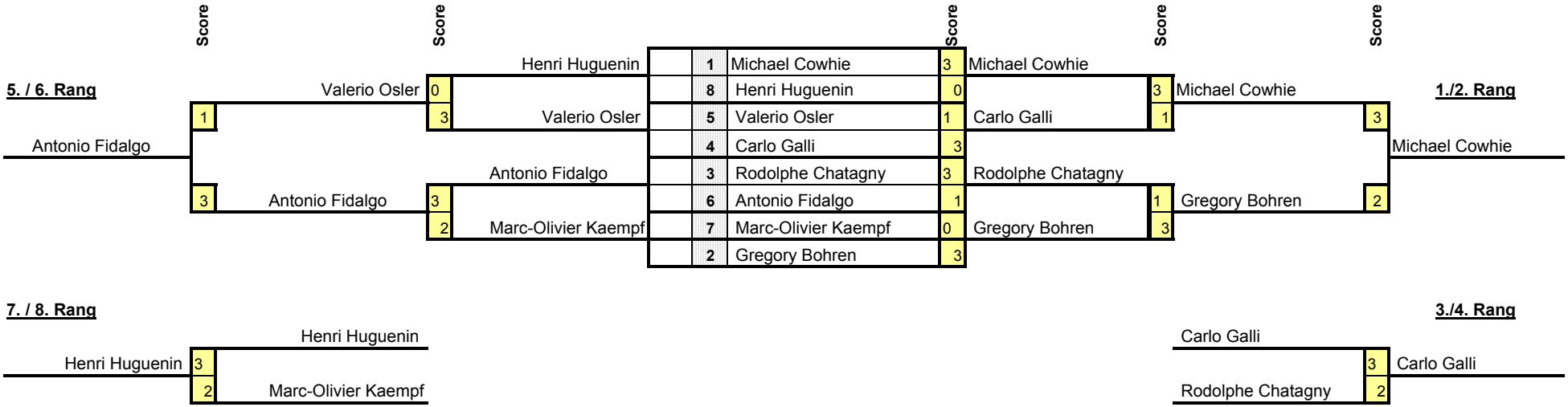MARIN date : 28.08.2009