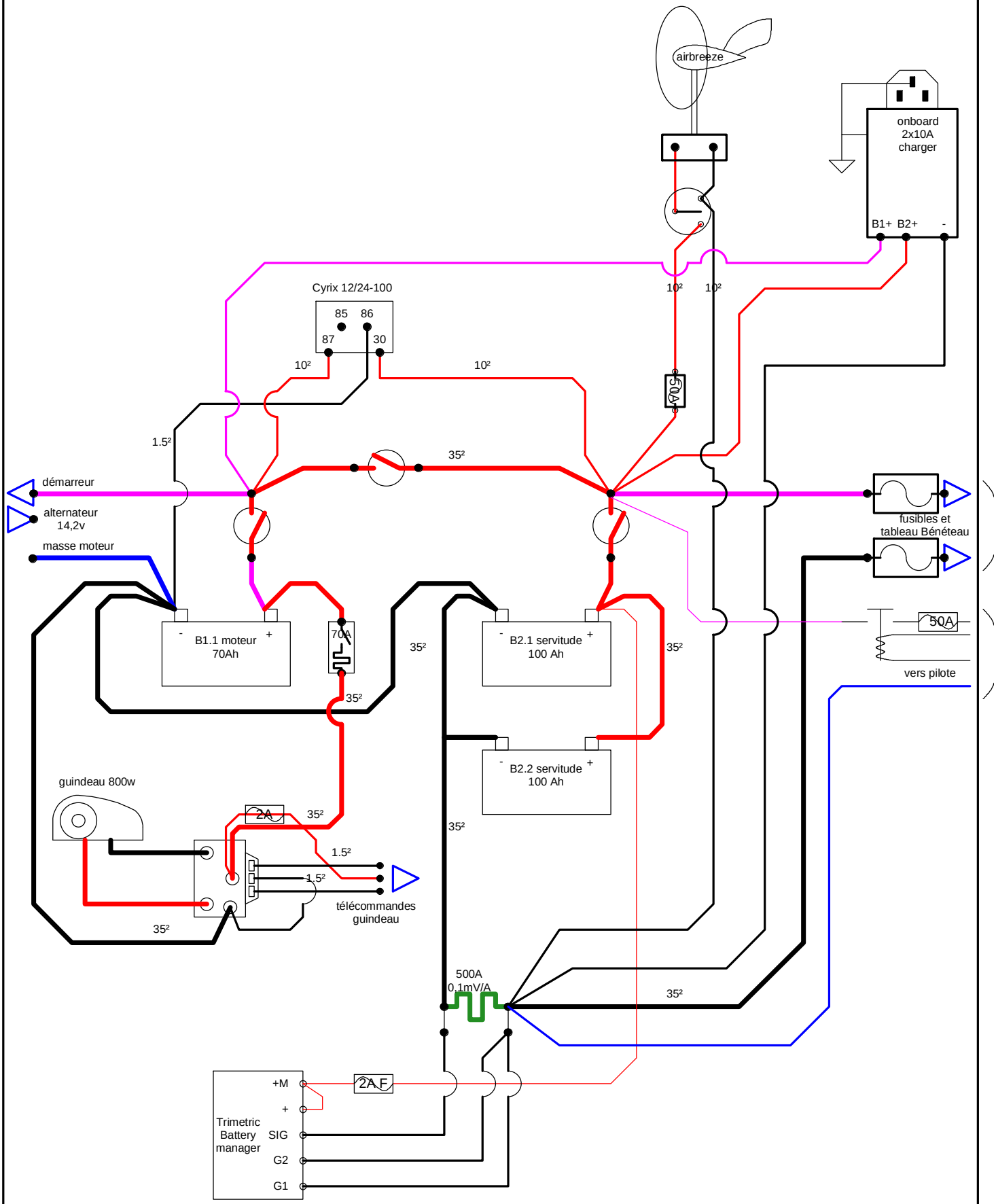OCEANIS - schéma revu 16/07/11