Fire support ships delivered many deep harassing fires at night. Approximately 1,200 rounds were fired each night during the early stages of the operation. This was reduced later to 150 rounds per ship per night, with an overall total of approximately 900 rounds.

Night illumination fires were coordinated within each regiment by the regimental naval gun fire liaison officer. Initially some reports were received of star shells illuminating friendly troops or empty flare cases falling within friendly front lines. These incidents declined sharply after the first week. A large number of illuminating shells were used. As a result of heavy initial expenditure so it became necessary on 10 May, 45 to reduce the Corps allowance of illuminating shell to approximately 120 rounds par division per night.