

**Senate Standing Committee on Environment and Communications**  
**Answers to Senate Estimates Questions on Notice**  
**Supplementary Budget Estimates Hearings October 2016**  
**Communications Portfolio**  
**Australian Communications and Media Authority**

**Question No: 74**

**Australian Communications and Media Authority**

**Hansard Ref: Page 30, 18/10/2016**

**Topic: Requirements for voice service over 4G networks**

**Senator Urquhart, Anne asked:**

**Senator URQUHART:** Do the process and technical requirements underlying that capability have any applicability to an IP-based mobile network?

**Mr Cameron:** By 'IP-based mobile network', I think what you are potentially referring to use voice over LTE, which is a voice service over 4G networks. I would need to take that on notice, but I understand that the MOLI technology does not work in those circumstances. That is my understanding. I will confirm that, but, as I indicated in my earlier answer, that is one reason why emergency services organisations and carriers are continually looking for ways to maintain and enhance the information available through the emergency call service.

**Answer:**

The rollout of voice over LTE (VoLTE) is still in its infancy, and while all three mobile networks support VoLTE, the use of VoLTE is low. All three mobile carriers deliver mobile location information for emergency calls initiated on VoLTE to the Emergency Call Person, though in some cases the calls are carried on a 2G or 3G network. The precision of mobile location information provided for emergency calls initiated on VoLTE varies between the carriers.

The Department of Communications and the Arts issued a Request for Expressions of Interest (REOI) process seeking solutions that will significantly improve the precision of location information delivered with mobile-originating emergency calls in August 2016. The REOI closed on 14 October 2016.