

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION KVOs-TV (STA)
BELLINGHAM, WASHINGTON
CHANNEL 35 40 KW (MAX-DA) 781 M HAAT

1. The instant request is for Special Temporary Authority (STA) for KVOs-TV, Bellingham, WA, which is licensed for operation on Channel 35.* KVOs-TV holds a construction permit for operation for its Incentive Auction repack facility, which will operate on Channel 14.†
2. The proposed STA system will be employed for use as an interim antenna to facilitate the repack of the KVOs-TV facility from its licensed channel to its repack channel.
3. Specifically, the KVOs-TV STA facility will operate on Channel 35 using an antenna that is side-mounted on the existing KVOs-TV main facility tower at a height of 125.1 m above ground level.‡ There will be no change in the overall height of the existing structure.
4. The KVOs-TV facility is in Phase 7, which starts on October 17, 2019. Therefore, the instant Channel 35 STA facility will not be employed beyond this date.
5. The proposed STA antenna system has been designed such that there will be no extension of the predicted noise-limited service contour of the STA facility beyond that of the licensed main facility. This is demonstrated in the attached Predicted Coverage Contours exhibit.

* See FCC File No. BLC DT-20070628ABX.

† See FCC File No. 0000076647.

‡ The tower structure is identified by FCC Antenna Structure Registration Number 1251758 and it has an overall height above ground level of 152.0 m.