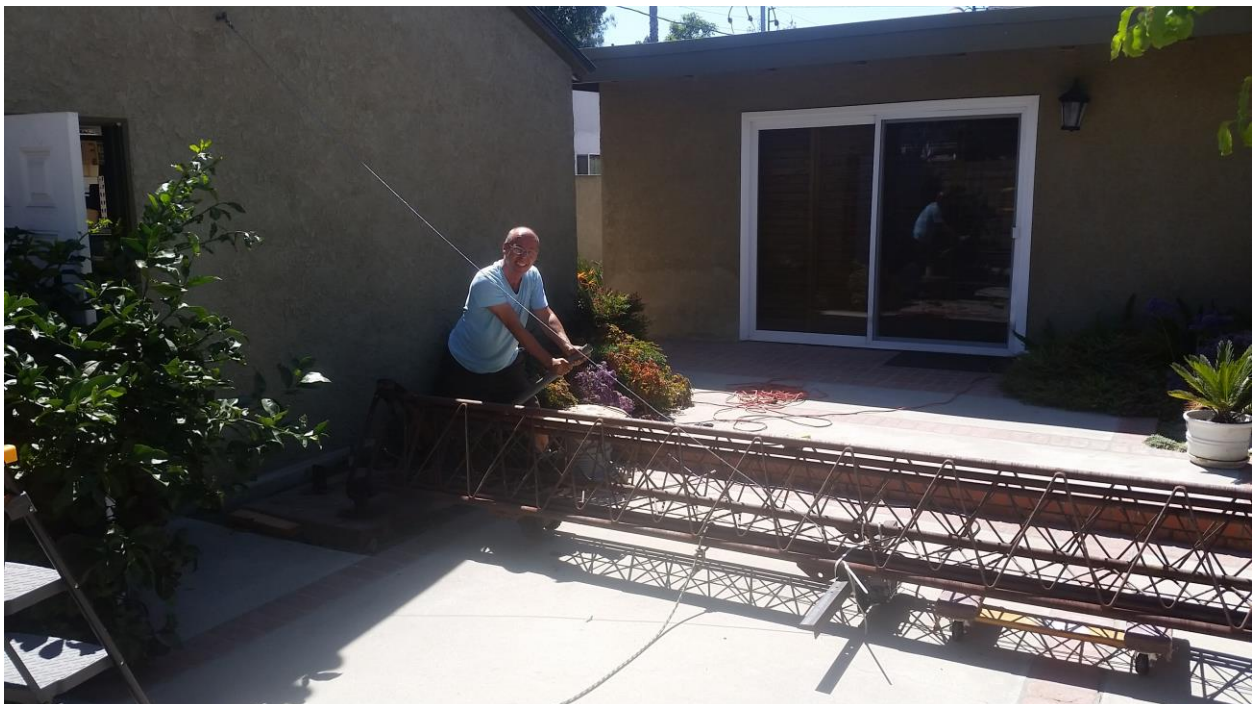


## September 2016

September was an opportunity for the club to finish the tower and antenna job that Joe, W6MYN and Brett, WA6SXU began last month. A bit of tree limb trimming ensured that the tower would have no interruptions on its way down.

After brainstorming the exact details to provide a substantial support system to lower a 900 lb. Tri-Ex tower, we installed a wall anchor in the form of a heavy welded eye-bolt mounted through the stucco wall and support beams of the nearby garage, reinforced by a 3-foot-long heavy-gauge steel U-beam on the inside wall of the garage.

A 1750 lb. rated electric winch was then attached to the center point of the tower, with the cable attached to the eyebolt hole. After breaking all 1 inch tower support bolts free with a large wrench and breaker bar, the tower tilted over and came down safely in less than a minute... much to the relief of the crew! The tower came to rest on a 4-wheel dolly and was released from the tower base with the removal of the final two bolts. Photos to follow:





(Joe, W6MYN using a large breaker bar to break the tower support bolts free)

Relief was obvious by Joe's expression when the tower finally came free of its 40 year plus position in the back yard. Anyone need a tower?

As a first here is our newsletters first video link to show the amazing sounds of the tower support bolts being loosened. The audio (with inherent laughs from a not-to-be disclosed recording person, demonstrate the amount of rust that had accumulated on the bolts in nearly 50 years.

<click on link below for YouTube video>

[Breaking Bolts](#)



(Brett, WA6SXU at the winch controls)

Other endeavors during the month of September include the testing and continued modification of the KK6NXT repeater receiver. Removing the transmit filters seems to have lowered the receive sensitivity of the unit and so further work is required to improve the receive capabilities. The LARC Summer BBQ is tentatively scheduled for Saturday, September 24<sup>th</sup> at 1pm. Further info to follow!