

**SAIPAN TRANSMITTING STATION  
PHOTOGRAPH LOG**

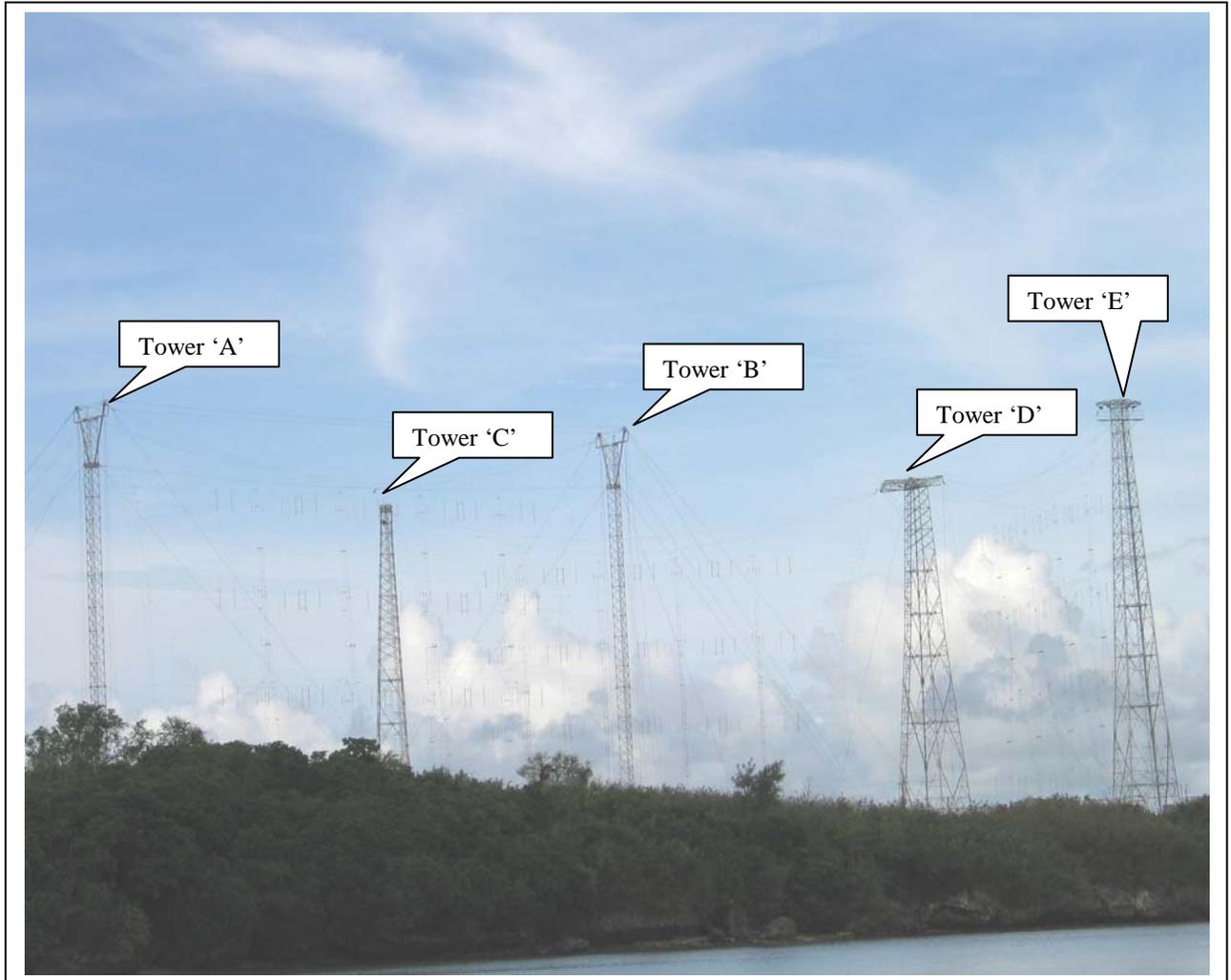
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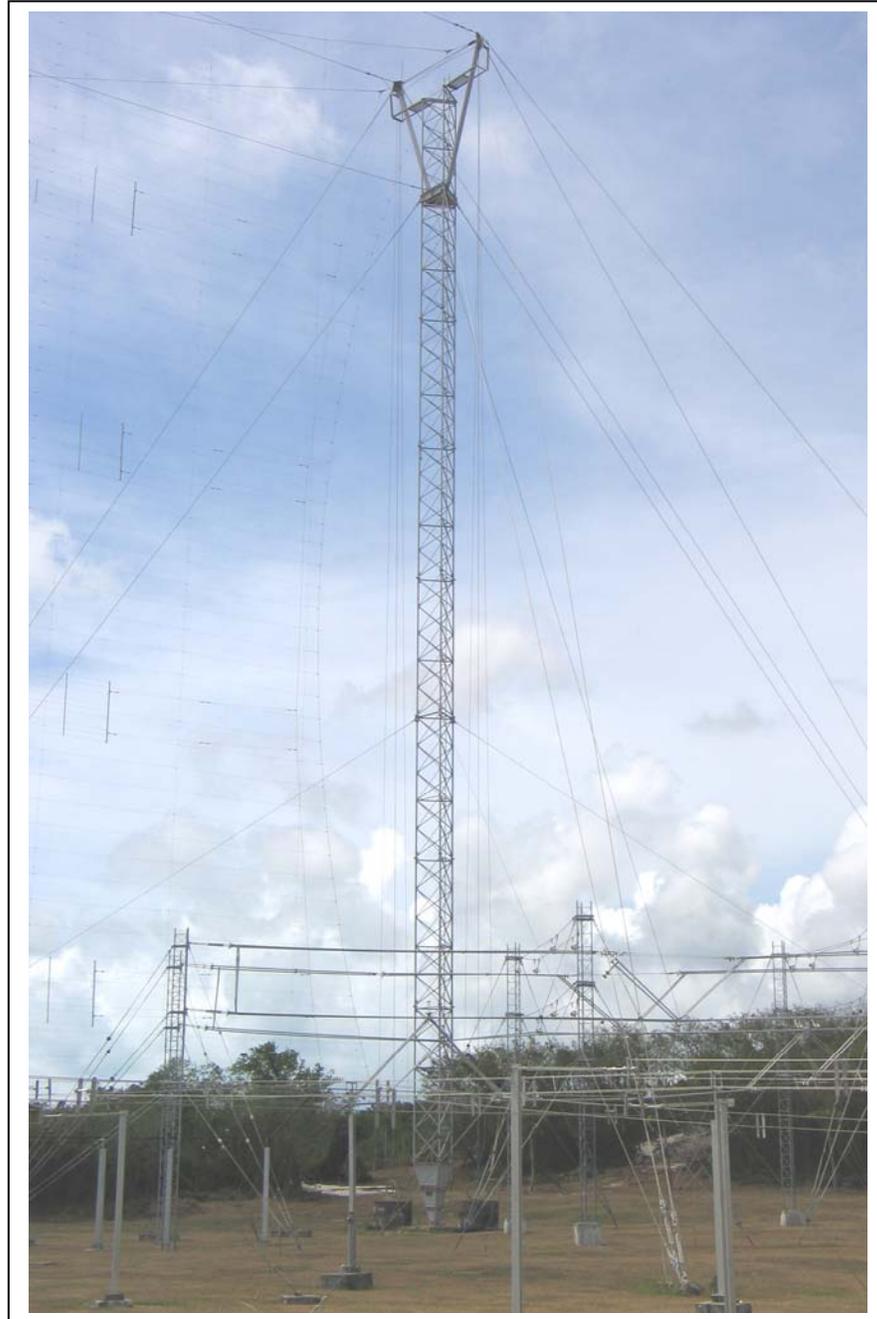
**Appendix B: Tower and Site Information**

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**Photo No. 1**

Photo No. 1 is an overall view of the Mariana Radio Relay Station located on the Island of Saipan from the northeast.



**Photo No. 2**

Photo No. 2 is a view of tower 'A'.

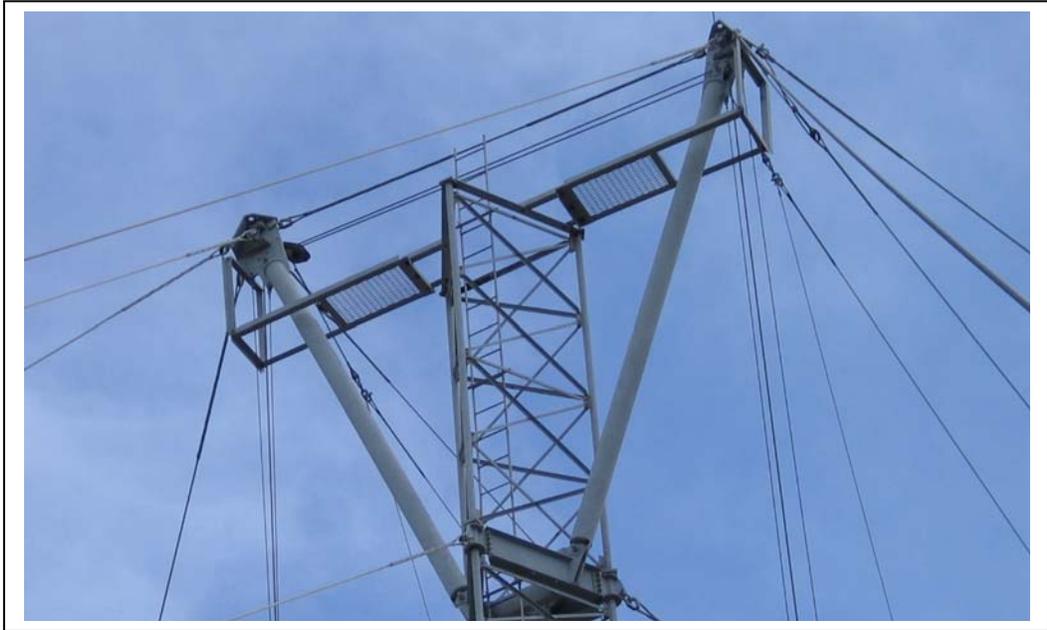


Photo No. 3



Photo No. 4

Photo No. 3 is a close up view of a tapered tower base.  
Photo No. 4 shows a typical tower section.



**Photo No. 5**



**Photo No. 6**

Photo Nos. 5 and 6 show the boom assembly at the top of the tower.

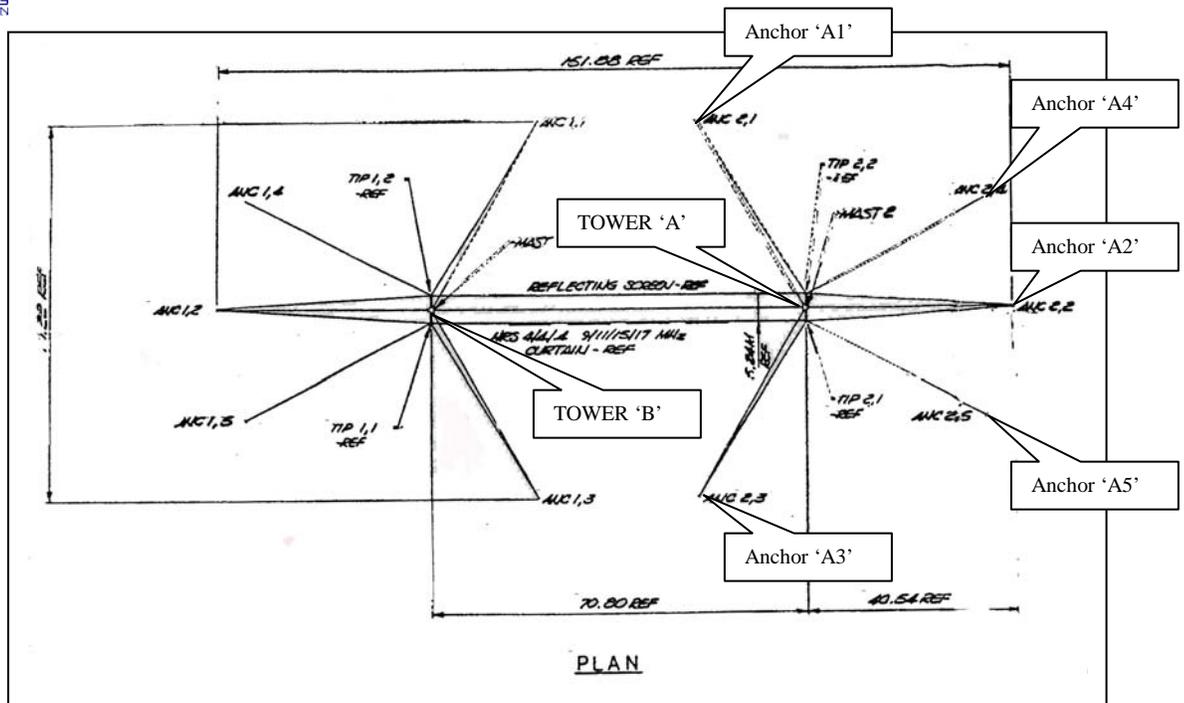


**Photo No. 7**



**Photo No. 8**

Photo No. 7 is a view of a typical leg splice connection.  
Photo No. 8 is a view of a typical diagonal and horizontal connection to the leg.



**Photo No. 9**



**Photo No. 10**

Photo No. 9 shows the guy anchor layout.  
Photo No. 10 is a view of anchor 'A1'.



**Photo No. 11**



**Photo No. 12**

Photo No. 11 is a view of anchor 'A2'.  
Photo No. 12 is a view of anchor 'A3'.



**Photo No. 13**



**Photo No. 14**

Photo No. 13 is a view of anchor 'A4'.  
Photo No. 14 is a view of anchor 'A5'.



**Photo No. 15**



**Photo No. 16**

Photo No. 15 is a view of the leg splice at the 109.8-ft level. Note the abandoned coil of wire connected to the tower at this elevation.

Photo No. 16 is a view of the top leg flange at the top of the tower. Note the rusted condition of the tower leg and connection bolts at this level.

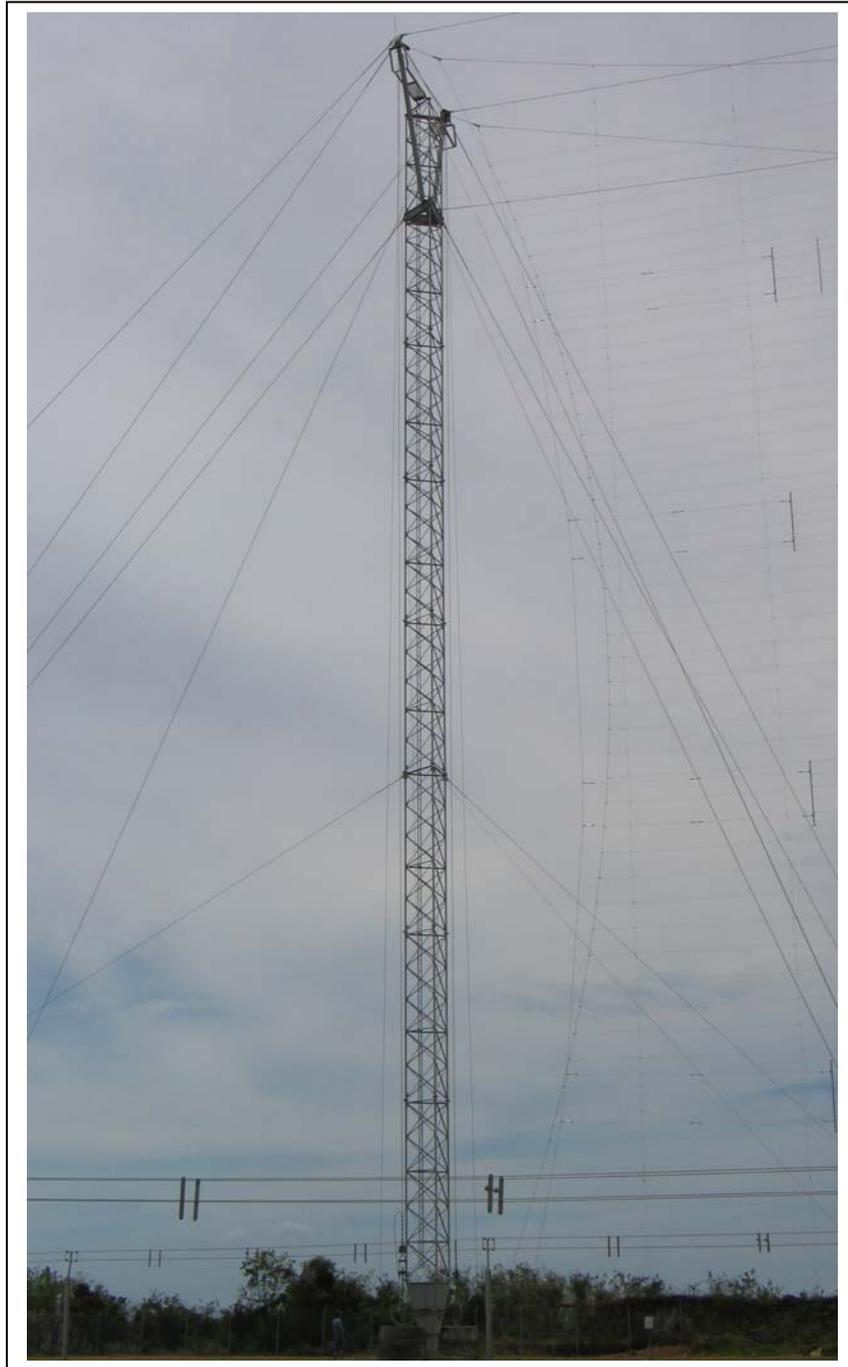


**Photo No. 17**



**Photo No. 18**

Photo Nos. 17 and 18 show the rusted condition of the tower members and connection bolts at some locations. The rusted condition is typical throughout the upper half of the tower.



**Photo No. 19**

Photo No. 19 is a view of tower 'B'.



**Photo No. 20**



**Photo No. 21**

Photo No. 20 is a close up view of a tapered tower base.  
Photo No. 21 shows a typical tower section.



Photo No. 22

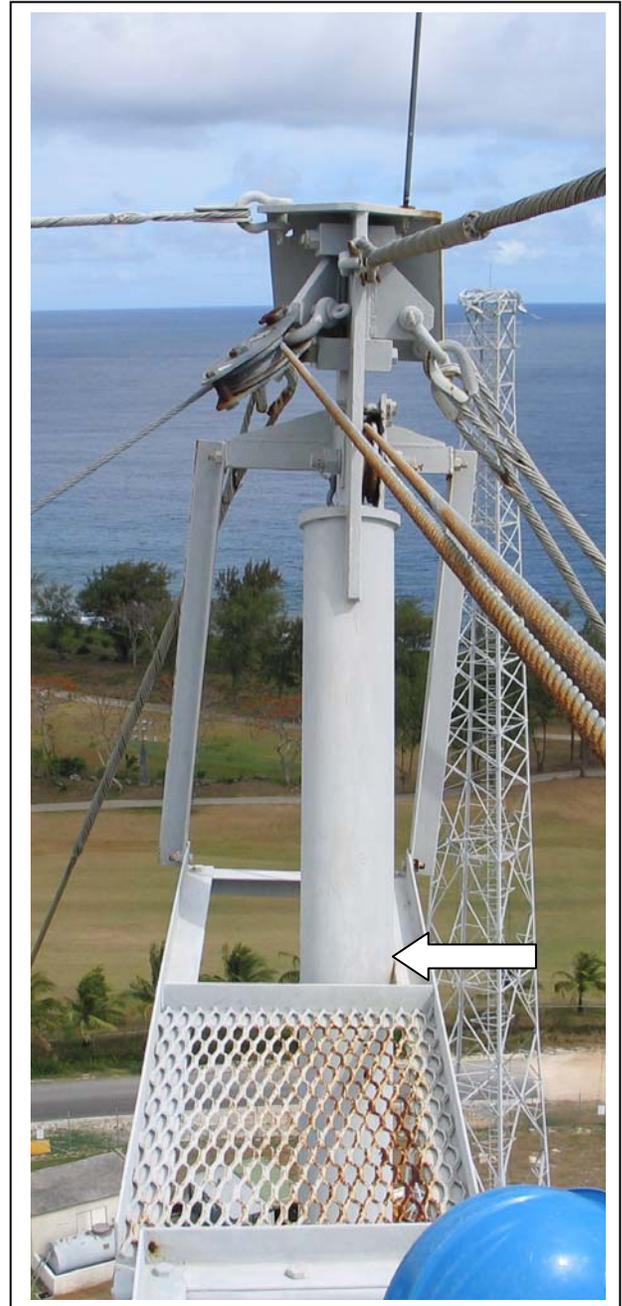


Photo No. 23

Photo Nos. 22 and 23 show the boom assembly at the top of the tower. Note that the boom assembly is shifted to one side on tower 'B'.



**Photo No. 24**



**Photo No. 25**



**Photo No. 26**

Photo No. 24 is a view of a typical leg splice connection.

Photo No. 25 is a view of a leg splice connection at the midpoint of the tapered base section. Note the loose locknut on one of the bolts.

Photo No. 26 is a view of a typical diagonal and horizontal connection to the leg.

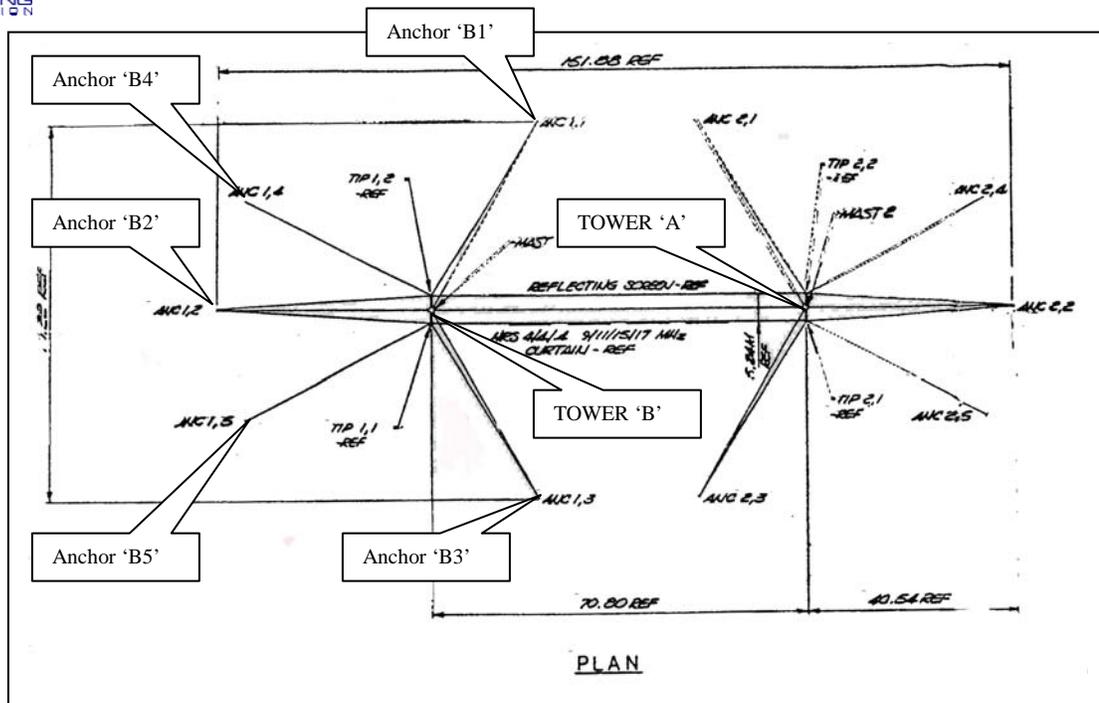


Photo No. 27





Photo No. 29



Photo No. 30



Photo No. 31

Photo No. 29 is a view of anchor 'B2'.  
Photo Nos. 30 and 31 are close up view of anchor 'B3'.



**Photo No. 32**



**Photo No. 33**

Photo No. 32 is a view of anchor 'B4'.  
Photo No. 33 is a view of anchor 'B5'.



**Photo No. 34**



**Photo No. 35**

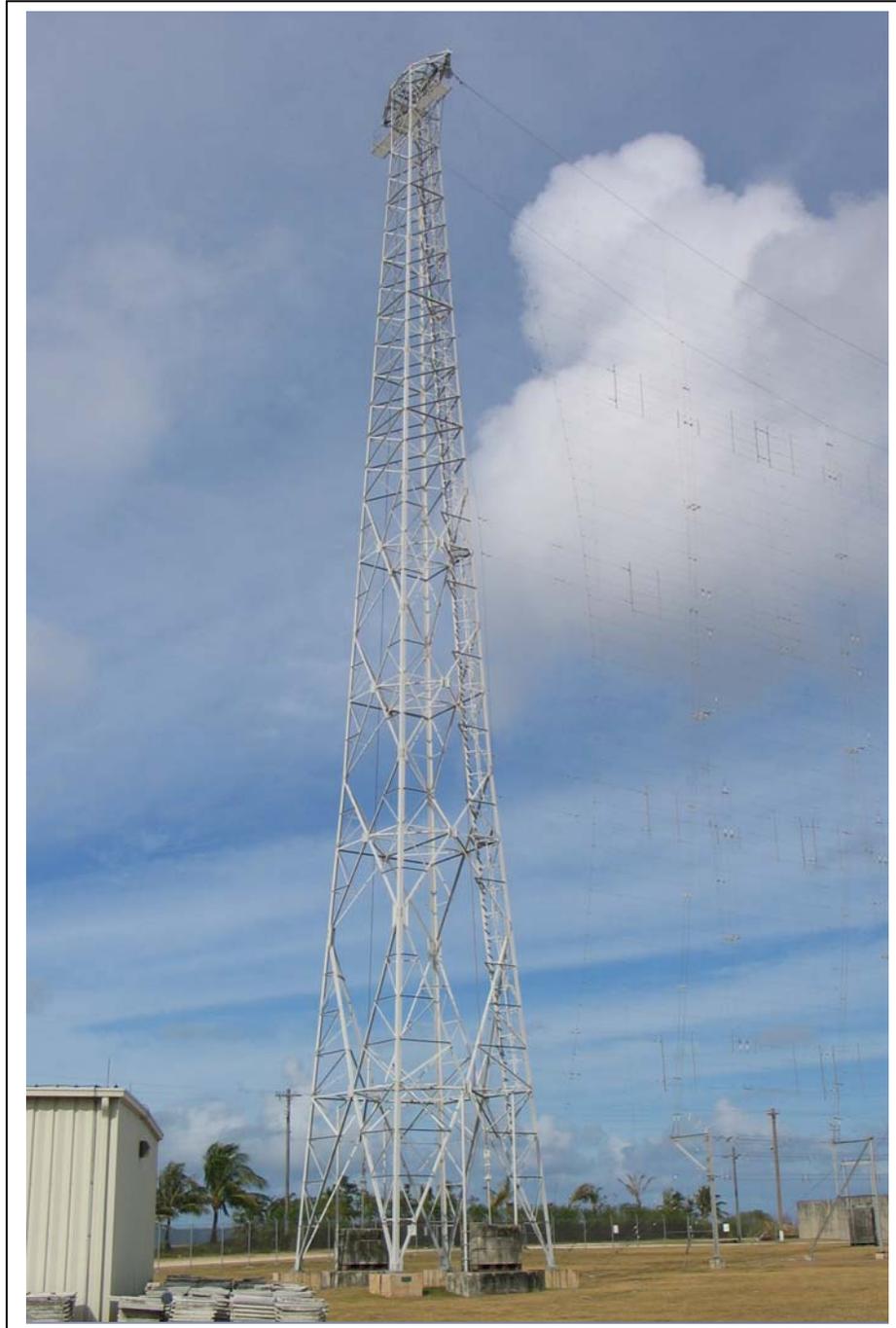


**Photo No. 36**



**Photo No. 37**

Photo Nos. 34-37 show the rusted condition of the tower members at some locations. Note the galvanizing is deteriorating and rust is beginning to form on the tower member surfaces, connection bolts and climbing ladder. The rusted condition is typical throughout the upper half of the towers.

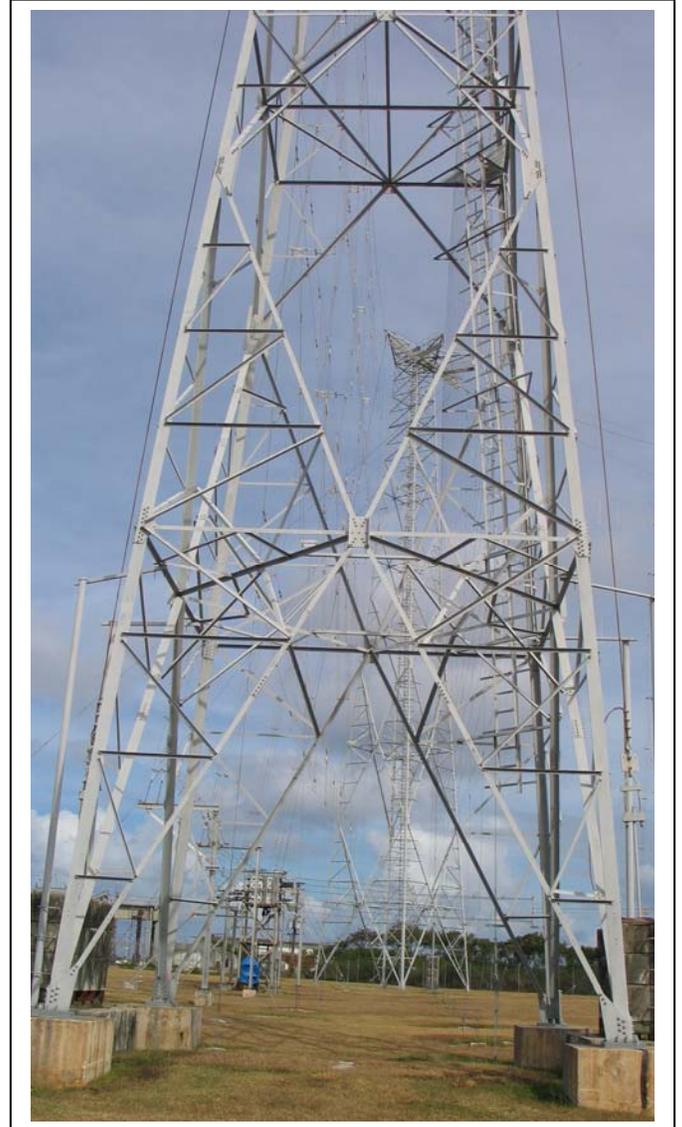


**Photo No. 38**

Photo No. 38 is a view of tower 'C'.

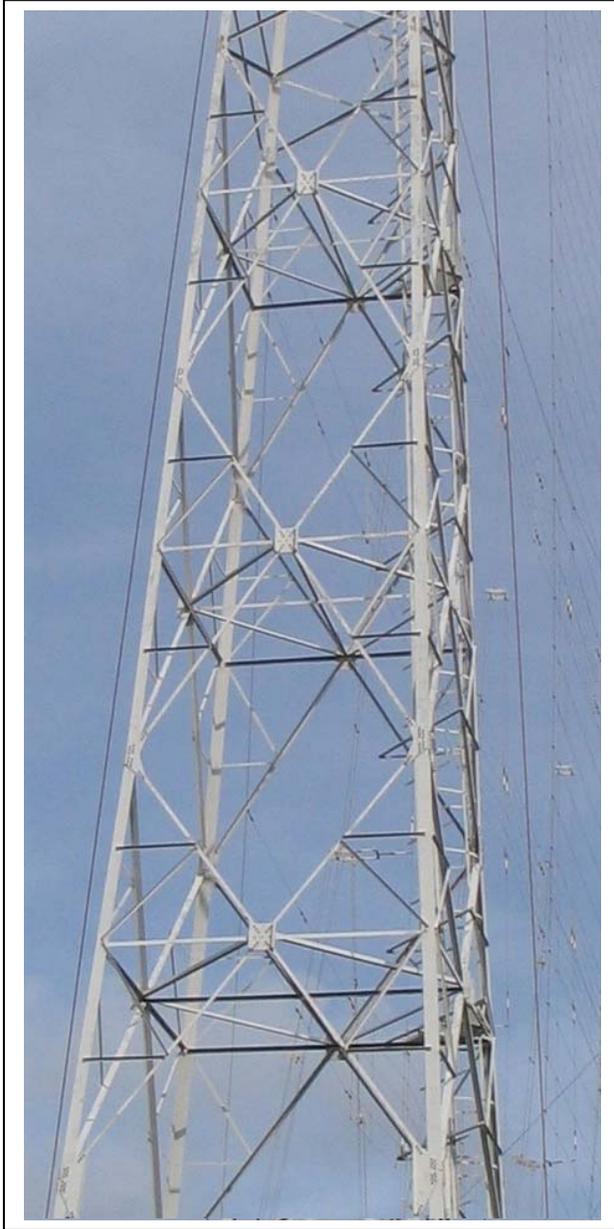


**Photo No. 39**

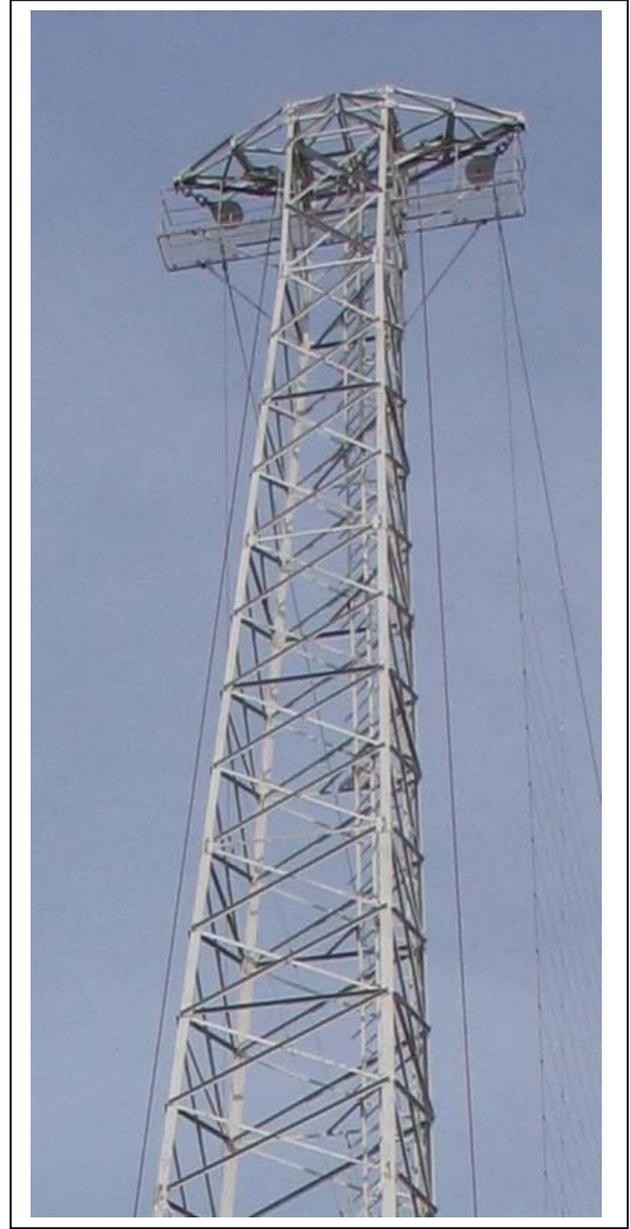


**Photo No. 40**

Photo No. 39 is a close up view of a tower base.  
Photo No. 40 shows the bottom section of the tower between the 0-ft and 40-ft elevations.

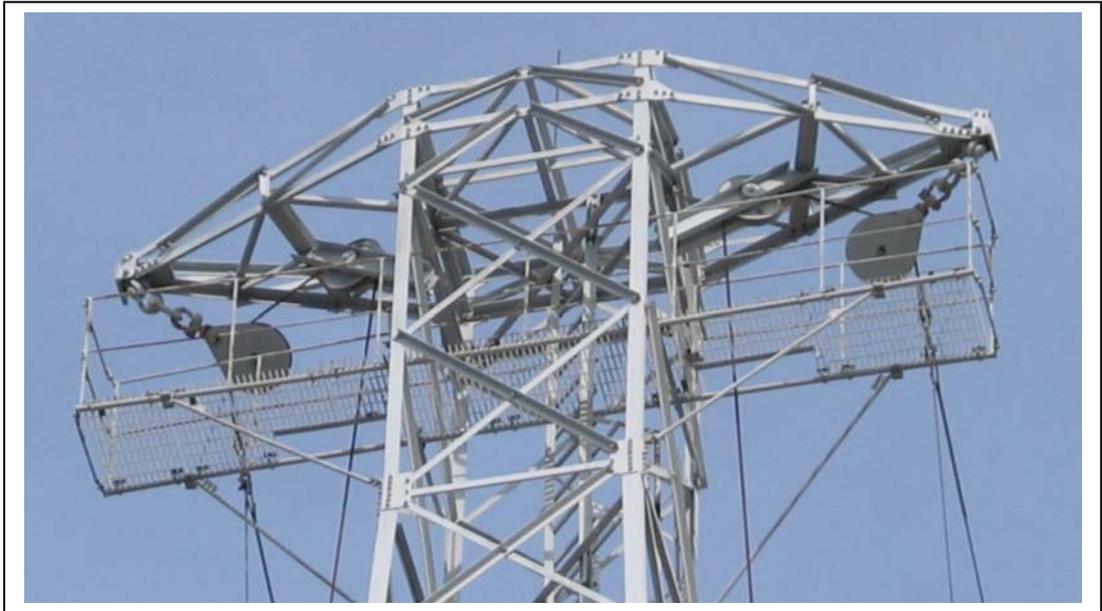


**Photo No. 41**



**Photo No. 42**

Photo No. 41 is a view of a tower section between the 40-ft and 100-ft elevations.  
Photo No. 42 is a view of a tower section between the 100-ft and 170-ft elevations.



**Photo No. 43**



**Photo No. 44**

Photo Nos. 43 and 44 show the cross-arms and catwalks mounted at the top of the tower.



**Photo No. 45**



**Photo No. 46**



**Photo No. 47**

Photo No. 45 is a view of a typical leg splice connection.  
Photo No. 46 is a view of a typical diagonal connection at the center of the horizontal.  
Photo No. 47 is a view of a typical diagonal connection to the leg.



**Photo No. 48**



**Photo No. 49**

Photo Nos. 48 and 49 show the rusted condition of the tower connection bolts at some locations.



Photo No. 50



Photo No. 51



Photo No. 52

Photo Nos. 50-52 show the condition of the cross-arms at the top of tower.

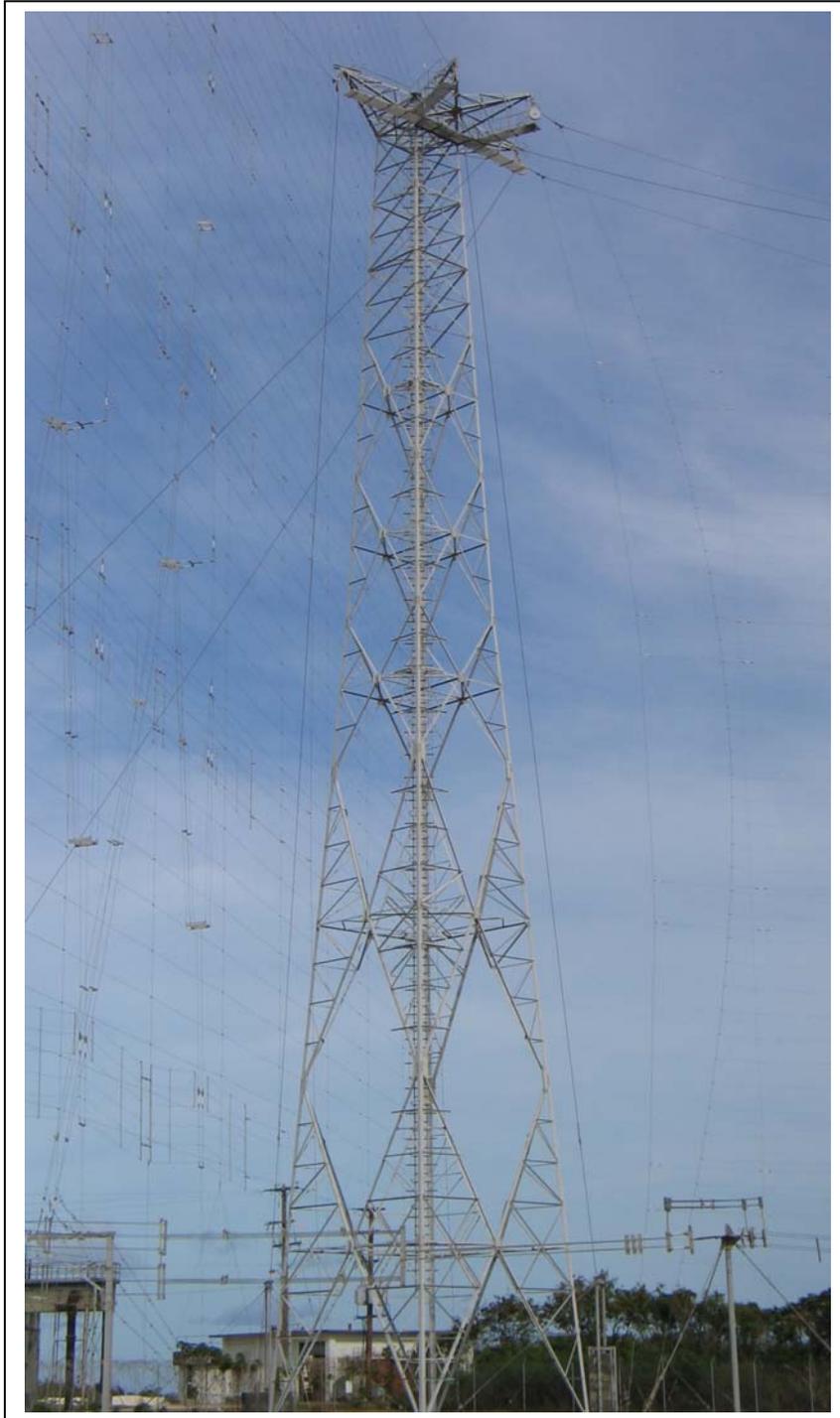


**Photo No. 53**



**Photo No. 54**

Photo Nos. 53 and 54 show the condition of the catwalks at the top of tower.



**Photo No. 55**

Photo No. 55 is a view of tower 'D'.

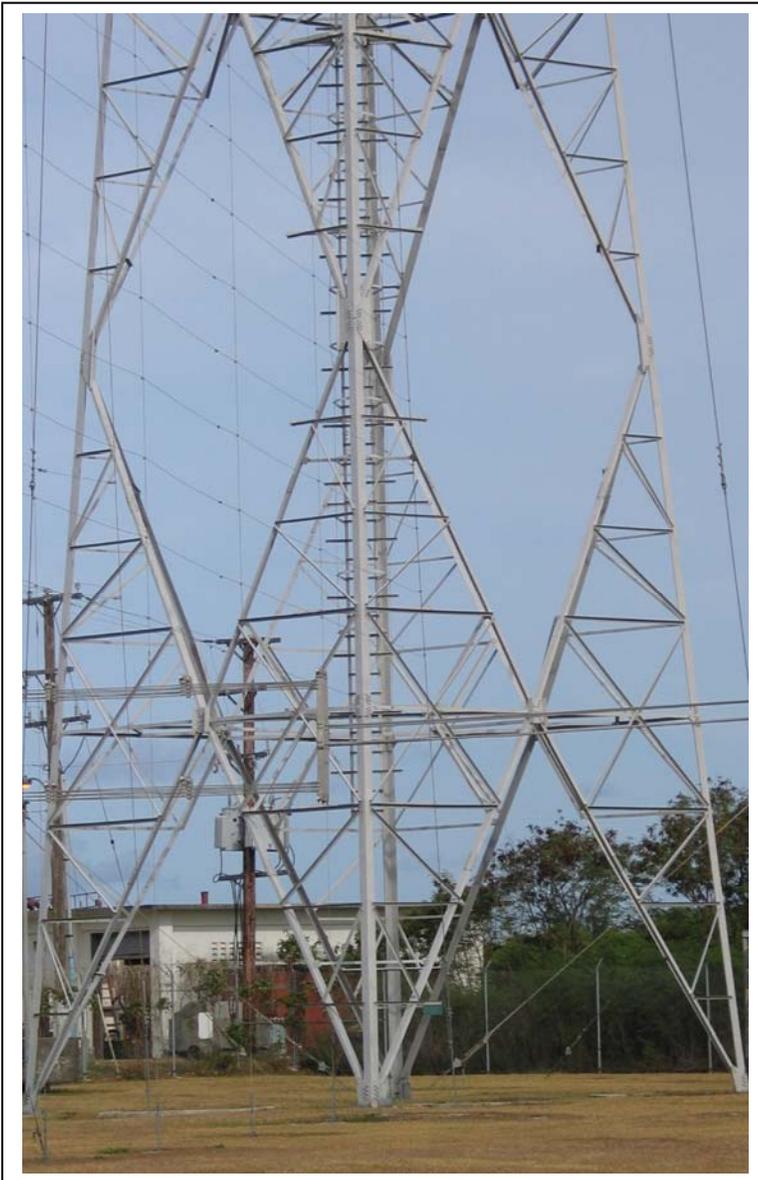


Photo No. 56

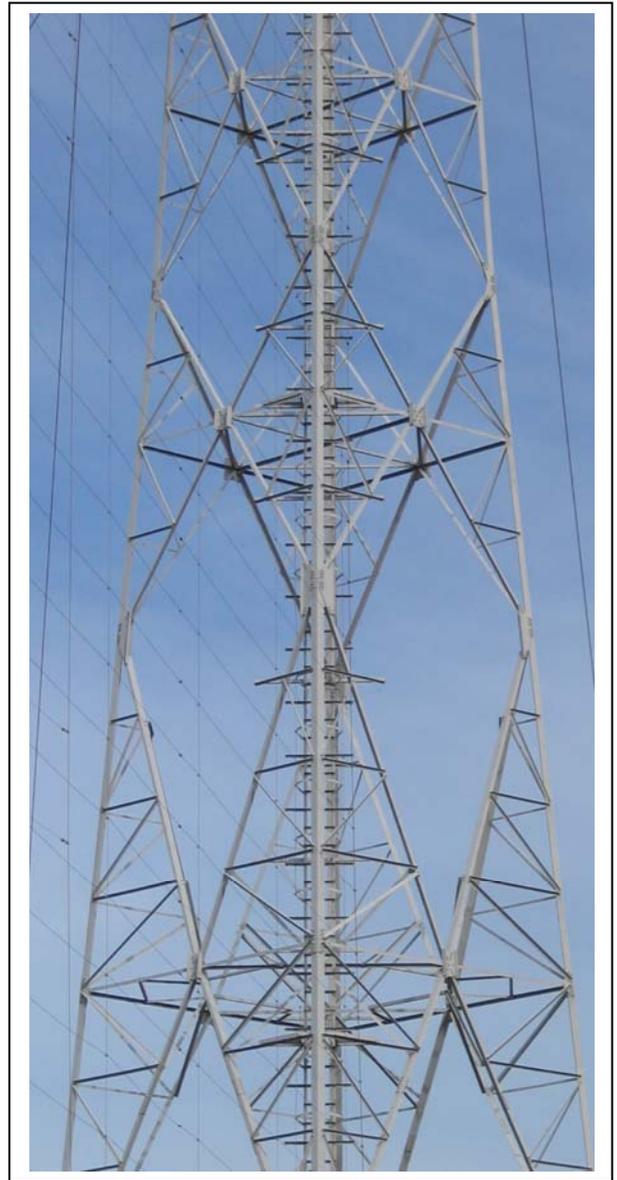


Photo No. 57

Photo Nos. 56 and 57 show a tower base.

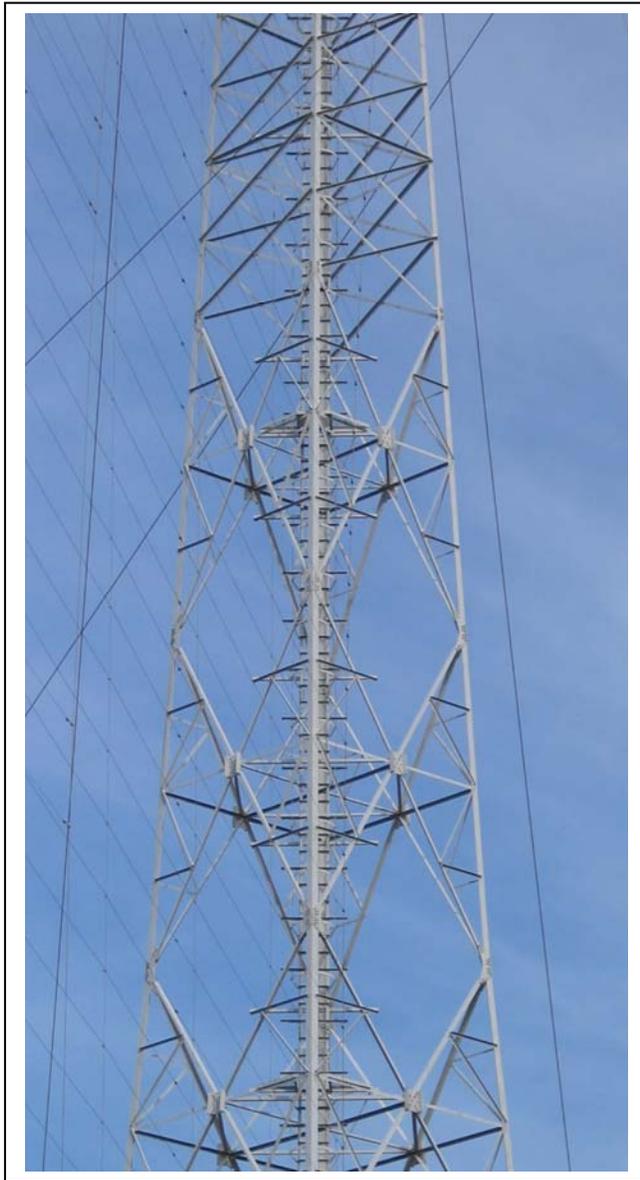


**Photo No. 58**



**Photo No. 59**

Photo No. 58 is a view of a tower section between the 0-ft and 55-ft elevations.  
Photo No. 59 is a view of a tower section between the 55-ft and 115-ft elevations.



**Photo No. 60**



**Photo No. 61**

Photo No. 60 is a view of a tower section between the 90-ft and 150-ft elevations.  
Photo No. 61 is a view of a tower section between the 125-ft and 170-ft elevations.

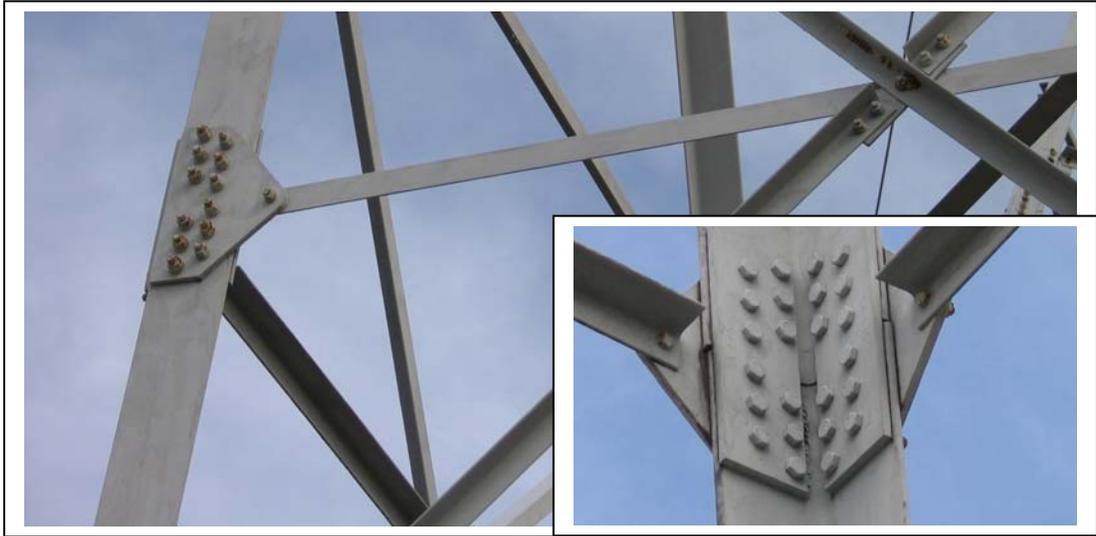


**Photo No. 62**

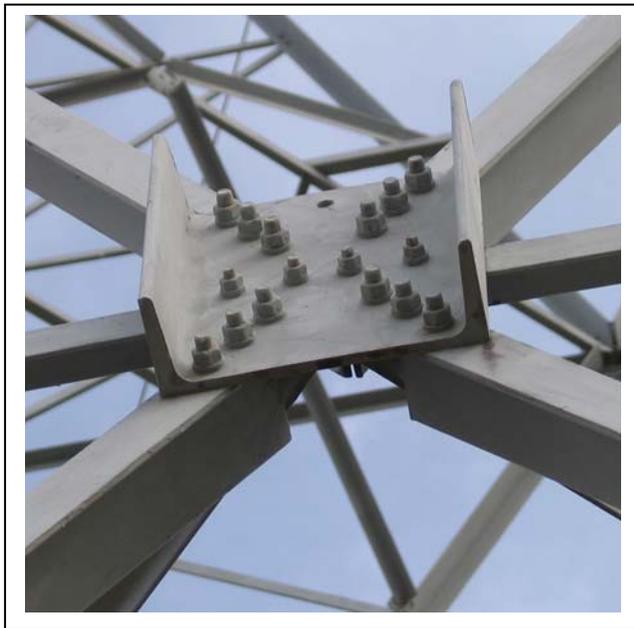


**Photo No. 63**

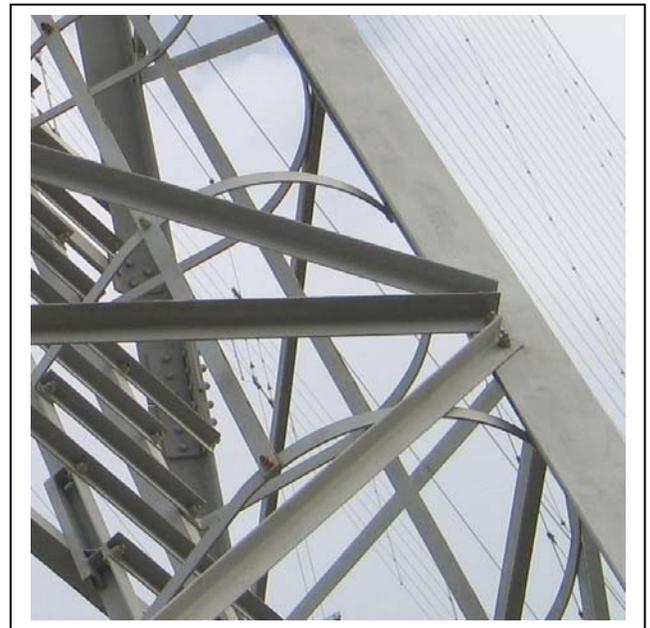
Photo Nos. 62 and 63 show the cross-arms and catwalks mounted at the top of the tower.



**Photo No. 64**



**Photo No. 65**



**Photo No. 66**

Photo No. 64 is a view of a typical leg splice connection.  
Photo No. 65 is a view of a typical diagonal connection at center of the horizontal.  
Photo No. 66 is a view of a typical diagonal and horizontal connection to the leg.

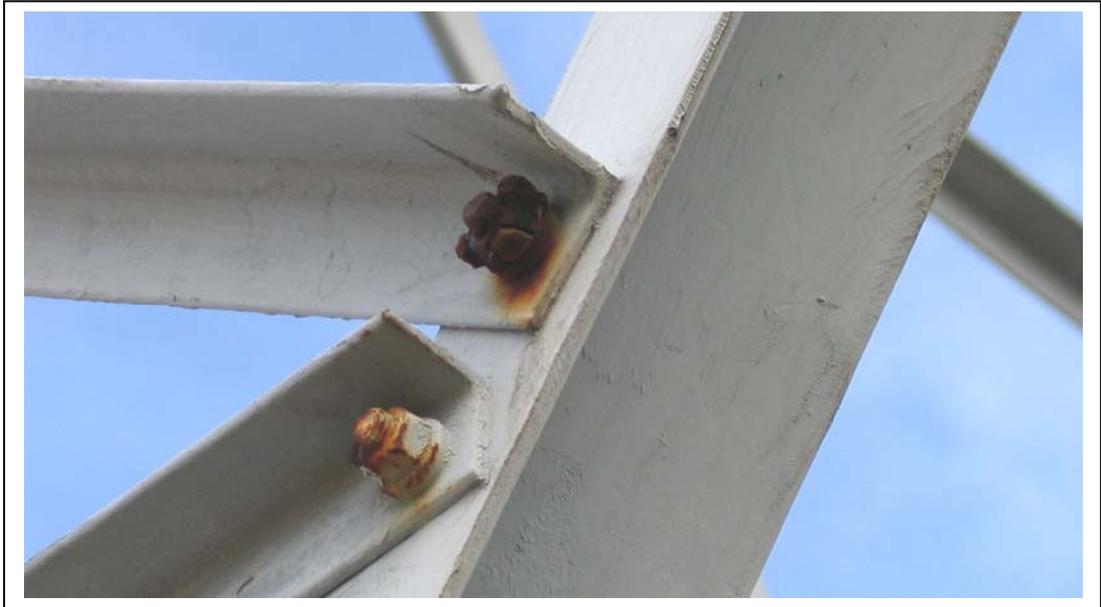


Photo No. 67

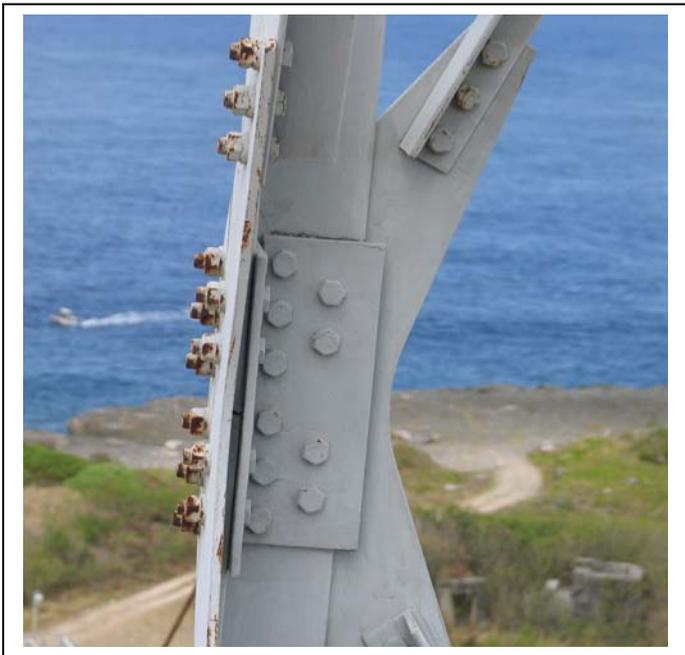


Photo No. 68

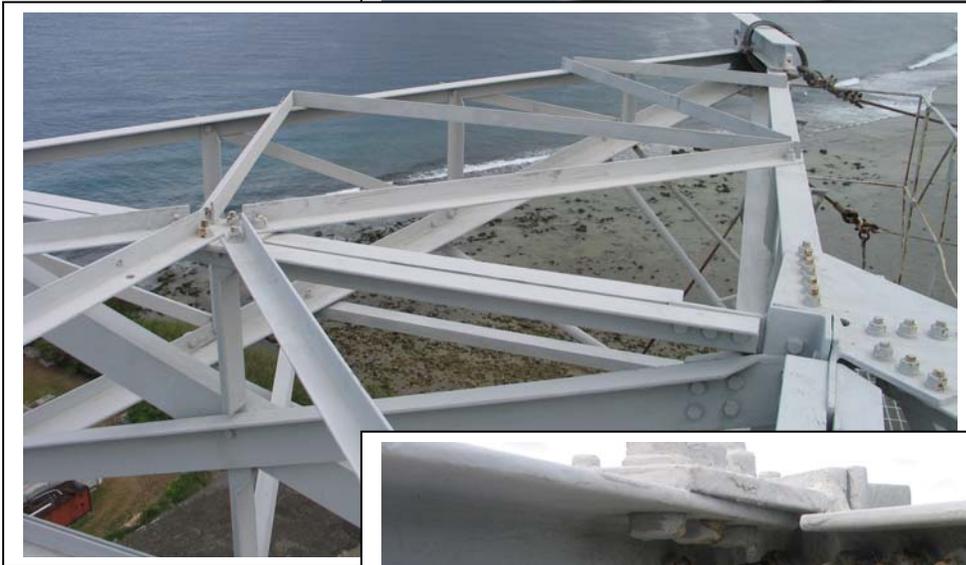


Photo No. 69

Photo Nos. 67-69 show the rusted condition of the tower connection bolts at some locations. The rusted condition of the connection bolts is typical throughout the tower.



**Photo No. 70**



**Photo No. 71**



**Photo No. 72**

Photo Nos. 70-72 show the condition of the cross-arms at the top of tower.  
Note that some connection bolts are rusted.



Photo No. 73

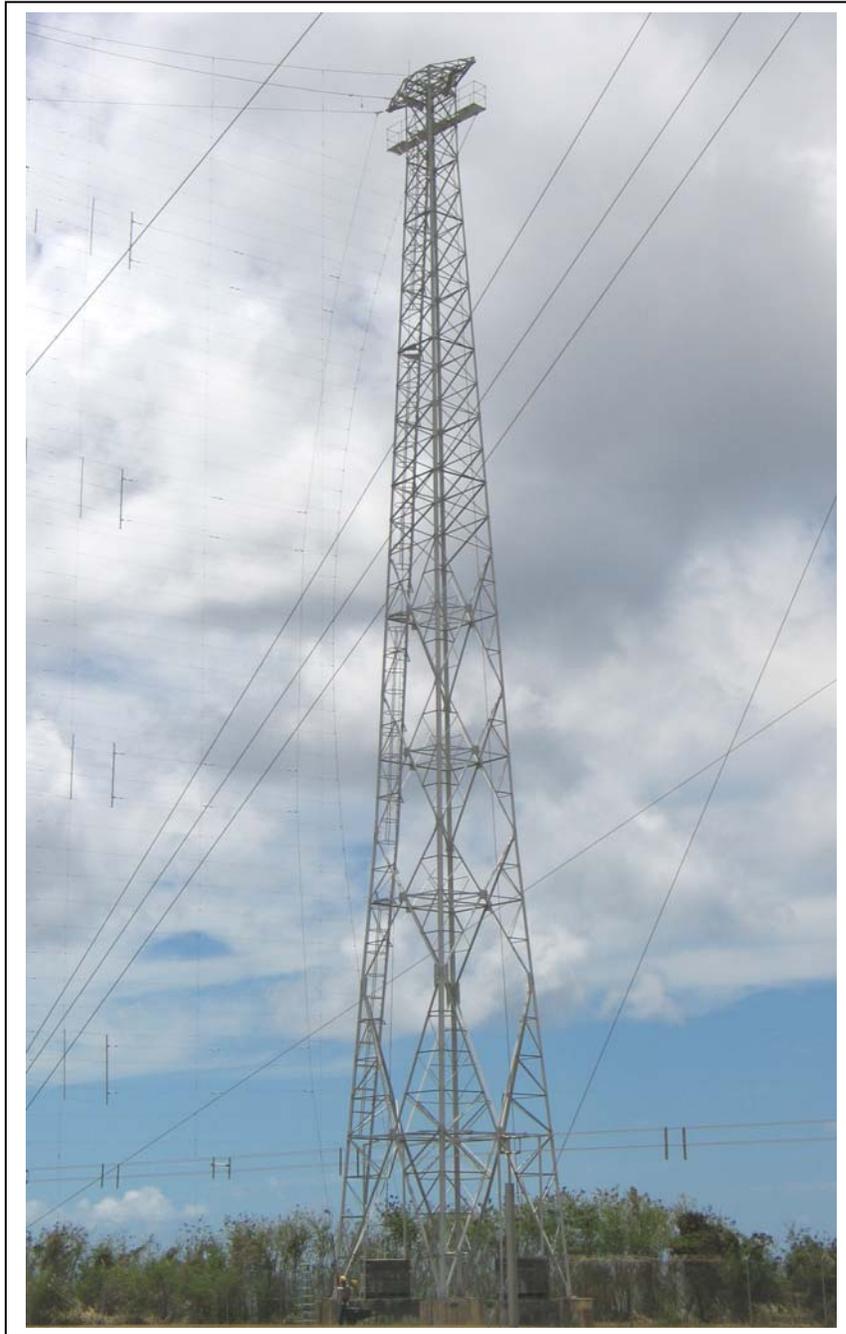


Photo No. 74



Photo No. 75

Photo Nos. 73-75 show the condition of the catwalks at the top of tower.  
Note the rusted condition of the catwalks at some locations.



**Photo No. 76**

Photo No. 76 is a view of tower 'E'.

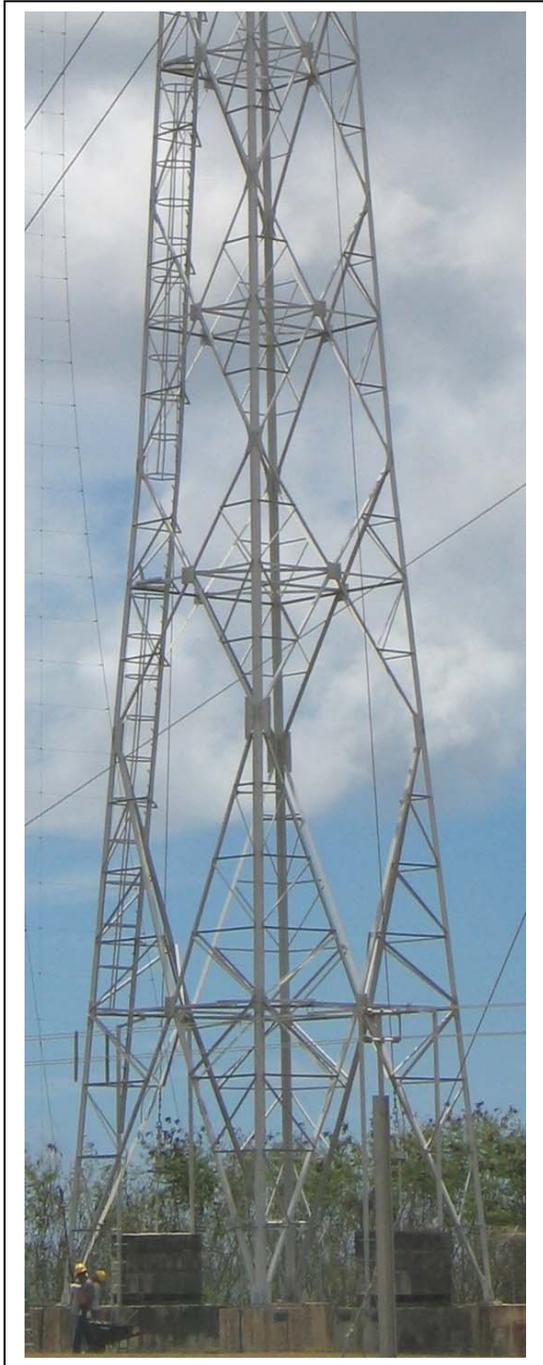


Photo No. 77



Photo No. 78

Photo Nos. 77 and 78 show a tower base.  
Note the base plate is rusted.



**Photo No. 79**



**Photo No. 80**

Photo No. 79 is a view of a tower section between the 0-ft and 90-ft elevations.  
Photo No. 80 is a view of a tower section between the 90-ft and 170-ft elevations.



**Photo No. 81**



**Photo No. 82**

Photo Nos. 81 and 82 show the cross-arms and catwalks mounted at the top of the tower.



**Photo No. 83**



**Photo No. 84**



**Photo No. 85**

Photo No. 83 is a view of a typical leg splice connection.  
Photo No. 84 is a view of a typical diagonal connection at center of the horizontal.  
Photo No. 85 is a view of a typical diagonal and horizontal connection to the leg.



Photo No. 86



Photo No. 87



Photo No. 88



Photo No. 89

Photo No. 86 is shows the rusted condition of the tower base plate.  
Photo Nos. 87-89 show the rusted condition of the tower connection bolts at some locations.  
The rusted condition of the connection bolts is typical throughout the towers.



Photo No. 90



Photo No. 91

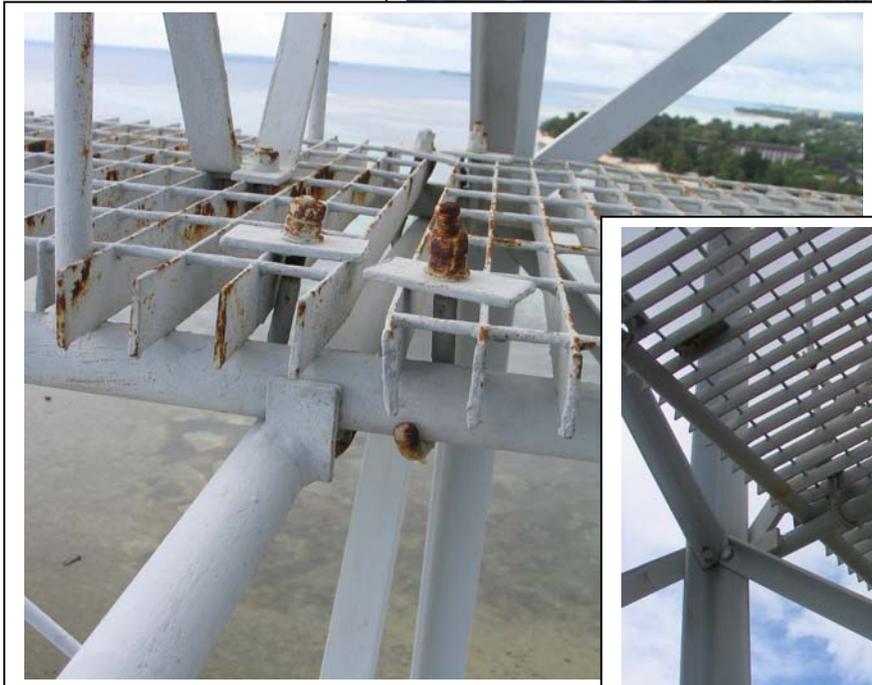


Photo No. 92

Photo Nos. 90-92 show the condition of the cross-arms at the top of tower.  
Note that some connection bolts are rusted.



**Photo No. 93**



**Photo No. 94**



**Photo No. 95**

Photo Nos. 93-95 show the condition of the catwalks at the top of tower.  
Note the rusted condition of the catwalks at some locations.