

**TINIAN TRANSMITTING STATION
PHOTOGRAPH LOG**

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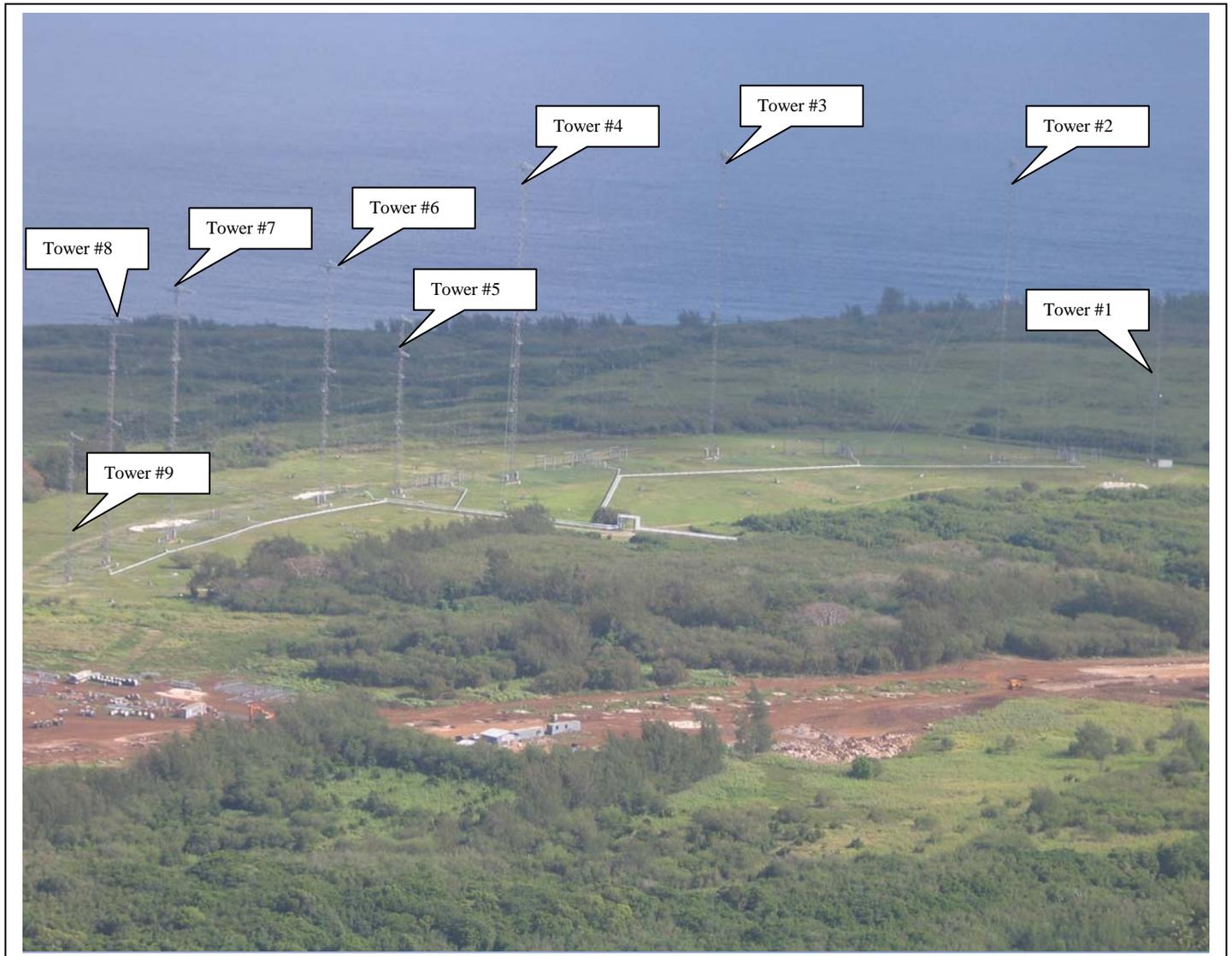


Photo No. 1

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



Photo No. 2

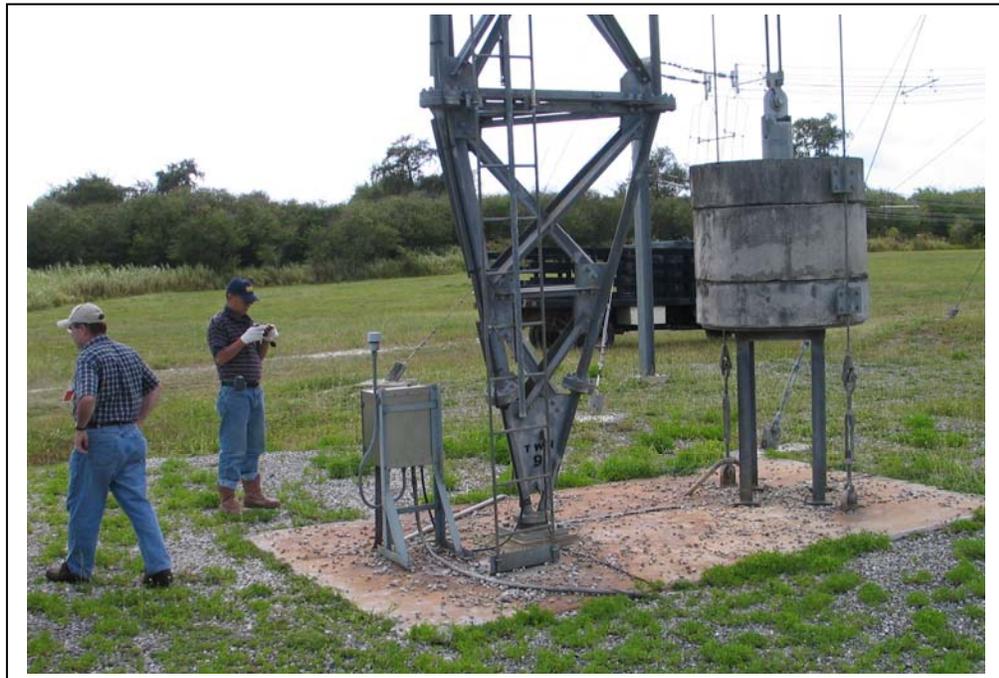


Photo No. 3

Photo No. 2 is a close up view of a typical tapered tower base with 6-ft face width (base of tower #2 is shown on the picture).

Photo No. 3 is a close up view of a typical tapered tower base with 5-ft face width (base of tower #9 is shown on the picture).



Photo No. 4

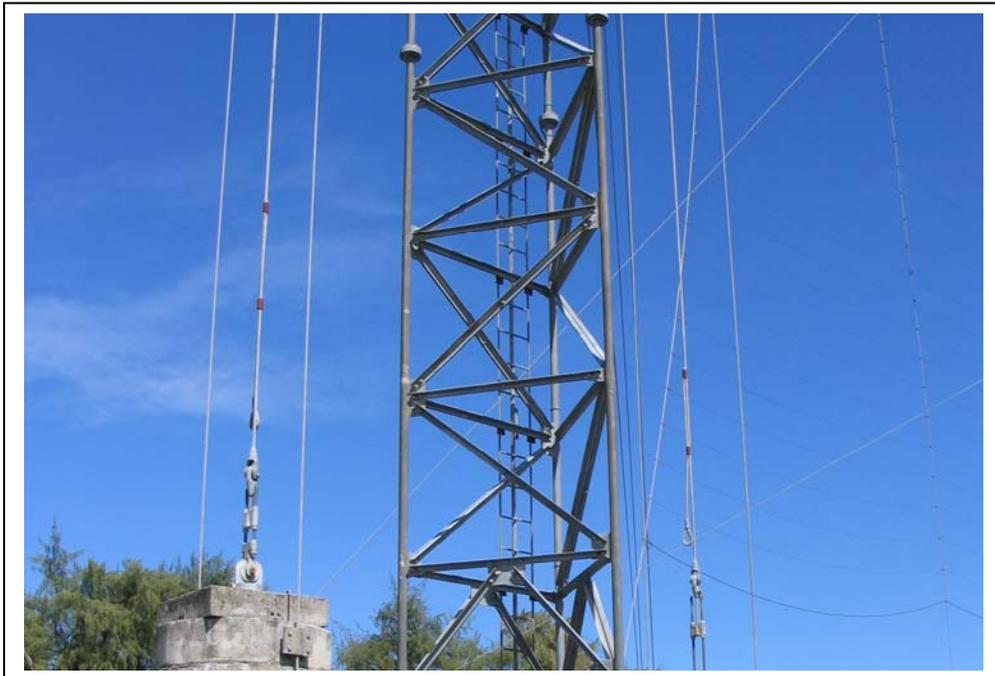


Photo No. 5

Photo No. 4 is a close-up view of a typical guy anchor.

Photo No. 5 shows a typical tower base section (first section of tower #8 is shown on the picture).

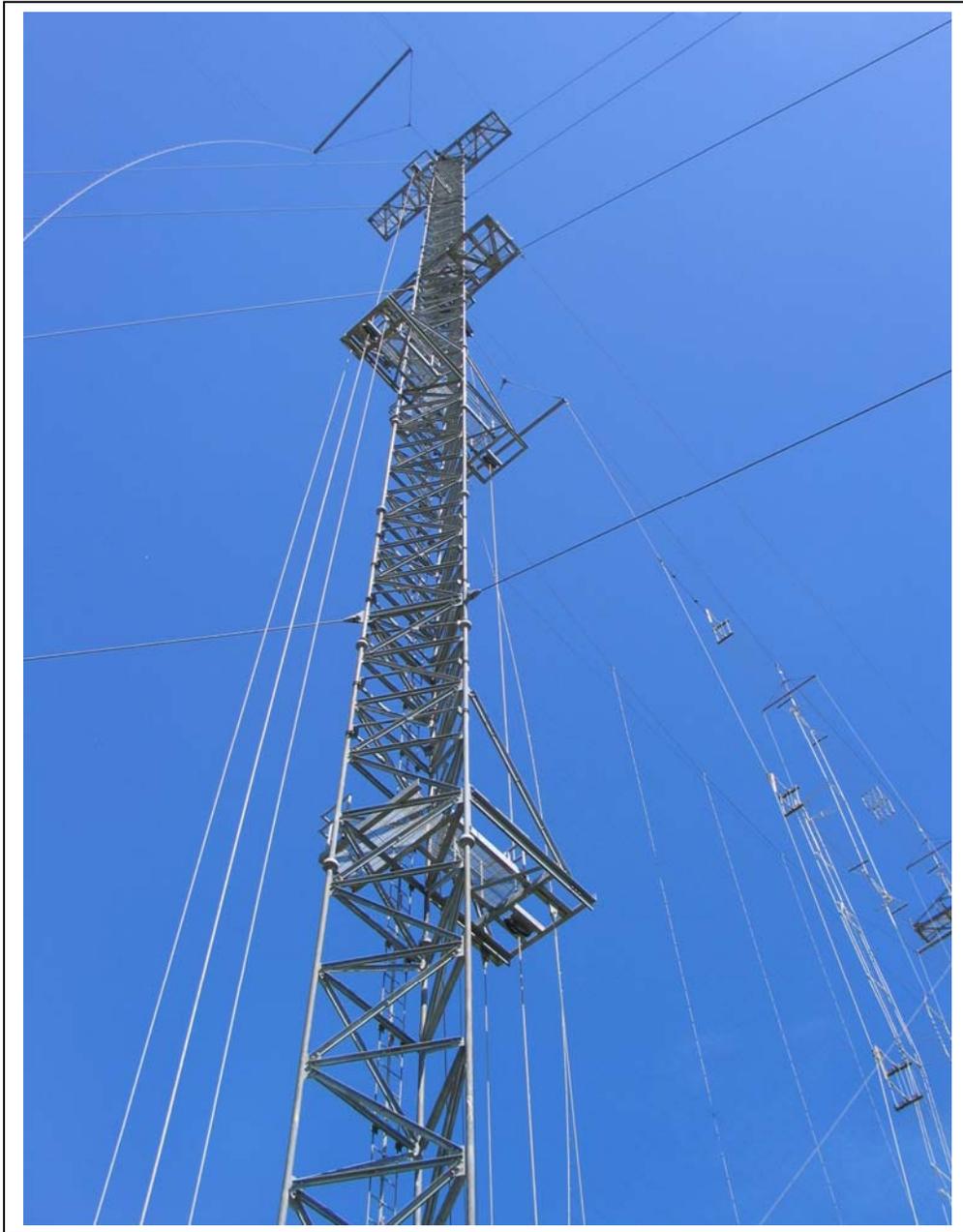


Photo No. 6

Photo No. 6 is a view looking up face of tower #8 from the northwest. The picture shows the outriggers at the 167.5-ft and 291-ft levels.



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

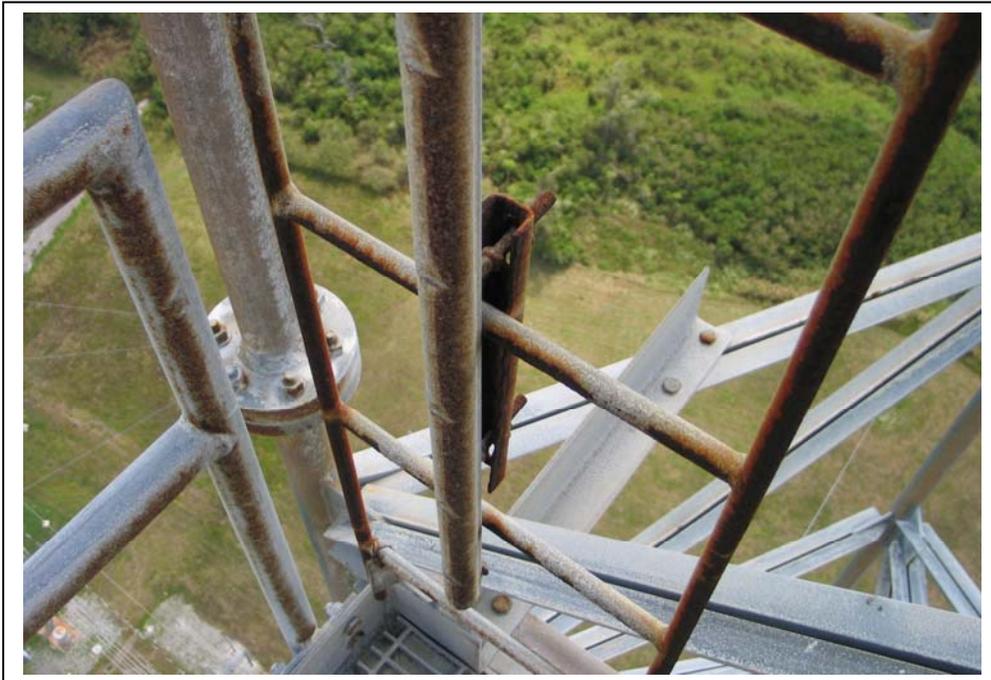


Photo No. 10

Photo Nos. 9 and 10 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 and climbing ladders. The rusted condition is typical throughout the upper half of the towers.



Photo No. 11



Photo No. 12

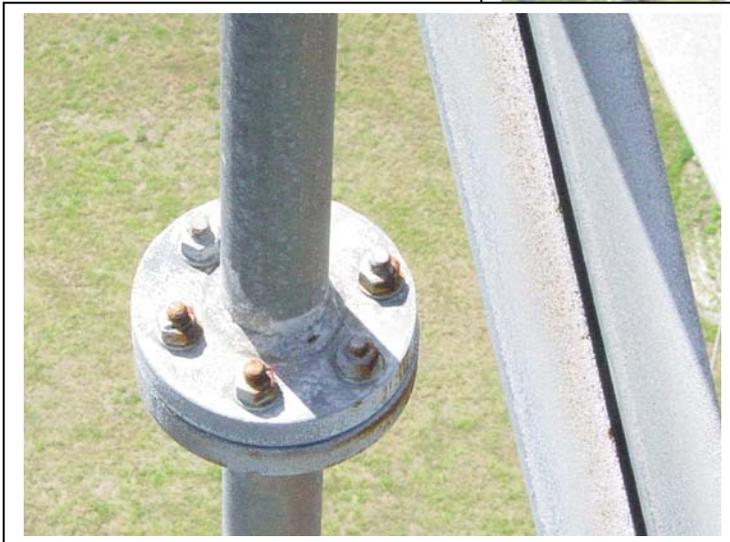


Photo No. 13

Photo Nos. 11, 12 and 13 show the rusted condition of the tower member and outrigger connection bolts. The rusted bolt condition is typical for all nine towers.



Photo No. 14



Photo No. 15

Photo No.14 shows the rusted condition of the catwalk post at the top of the tower. The rusted post condition is typical for towers #8 and #9.

Photo No.16 is a close-up view of the secondary horizontal member on tower #8 at the 65-ft level. Note that the horizontal members are not lined up.



Photo No.16



Photo No. 17

Photo No.16 shows the outrigger diagonal member at the top of the tower #2. Note the missing stitch bolt.

Photo No.17 is a close-up view of the safety rail on tower #2. Note that the rail sections are not lined up.

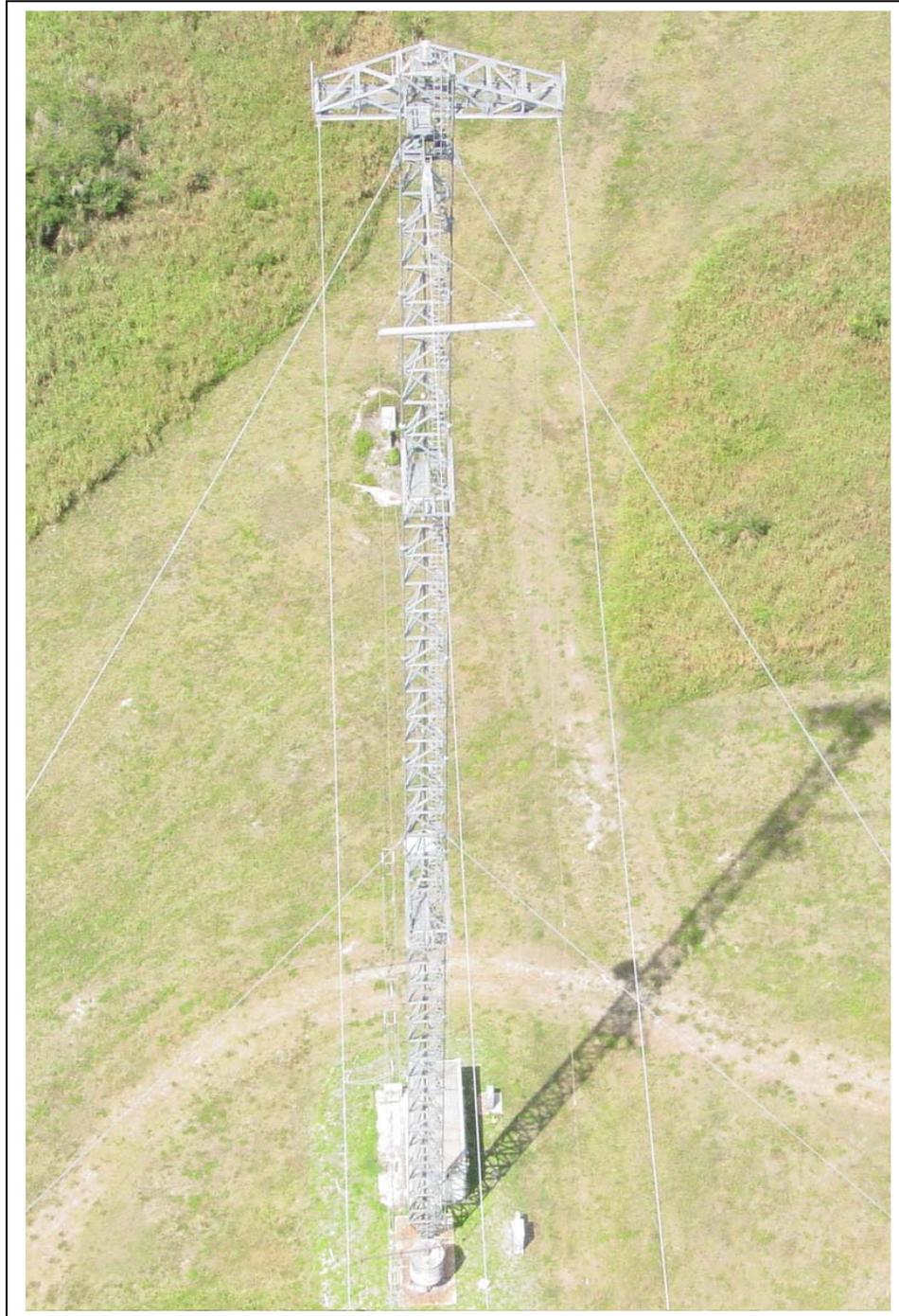


Photo No. T1.1

Photo No. T1.1 is a view of tower #1 from the top of tower #2.



Photo No. T1.2

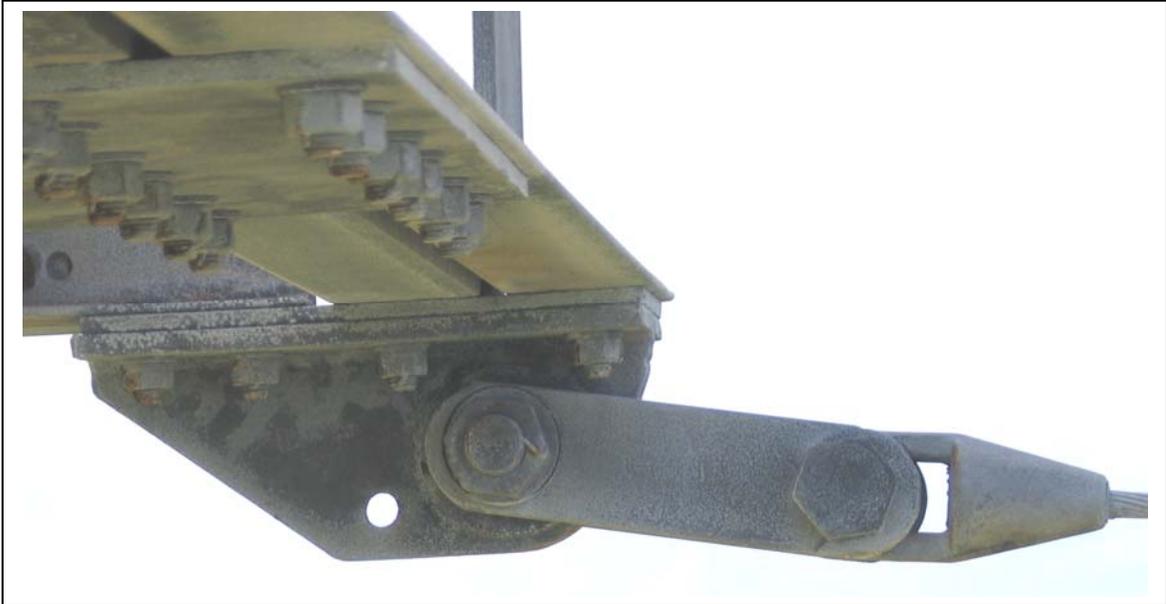


Photo No. T1.3

Photo No.T1.2 is a view of the catenary connection plate at the northwest side of the outrigger.
Photo No.T1.3 is a view of the catenary connection plate at the southeast side of the outrigger.

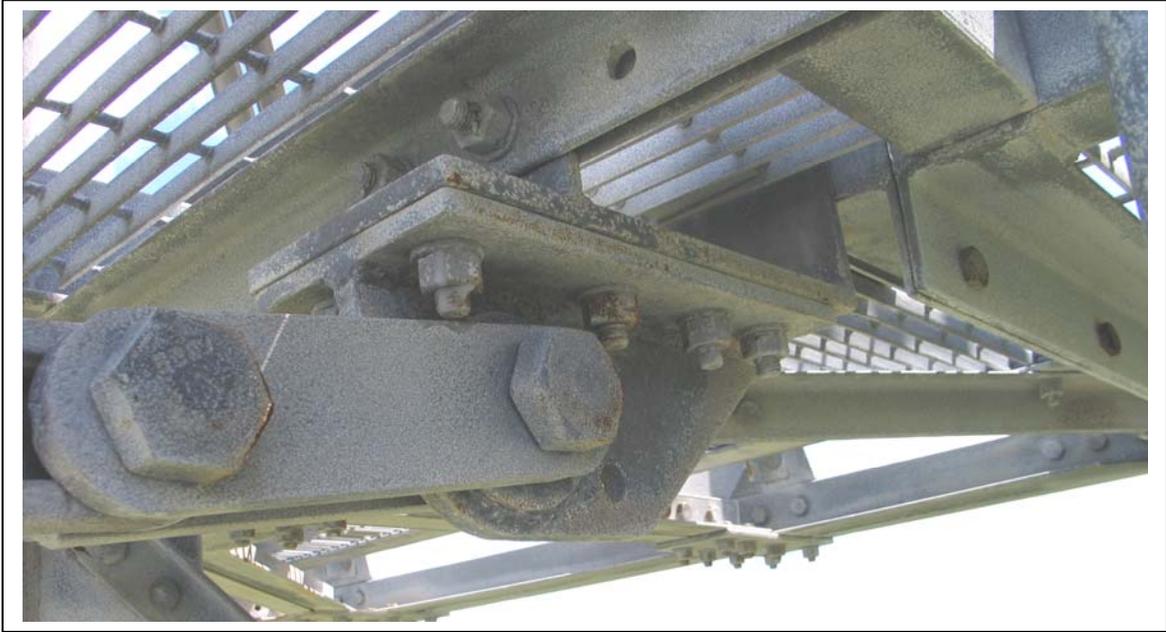


Photo No. T1.4



Photo No. T1.5

Photo Nos. T1.4 and T1.5 show the catenary connection plate at the middle of the outrigger.

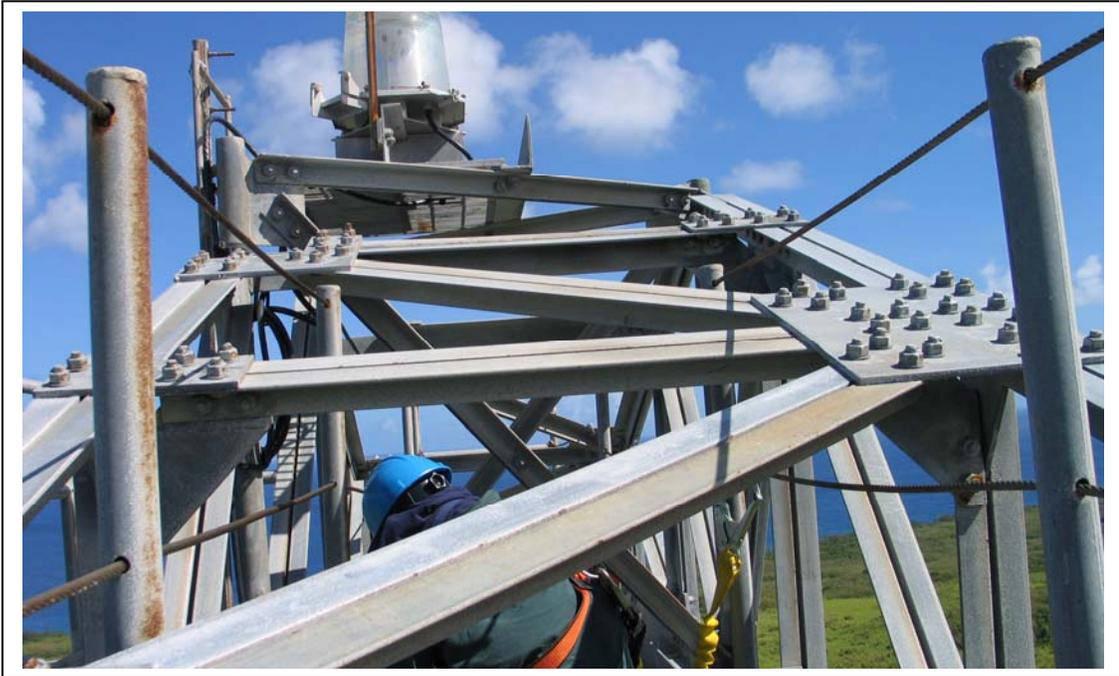


Photo No. T1.6



Photo No. T1.7

Photo Nos. T1.6 and T1.7 show the condition of the outrigger at the top of the tower.

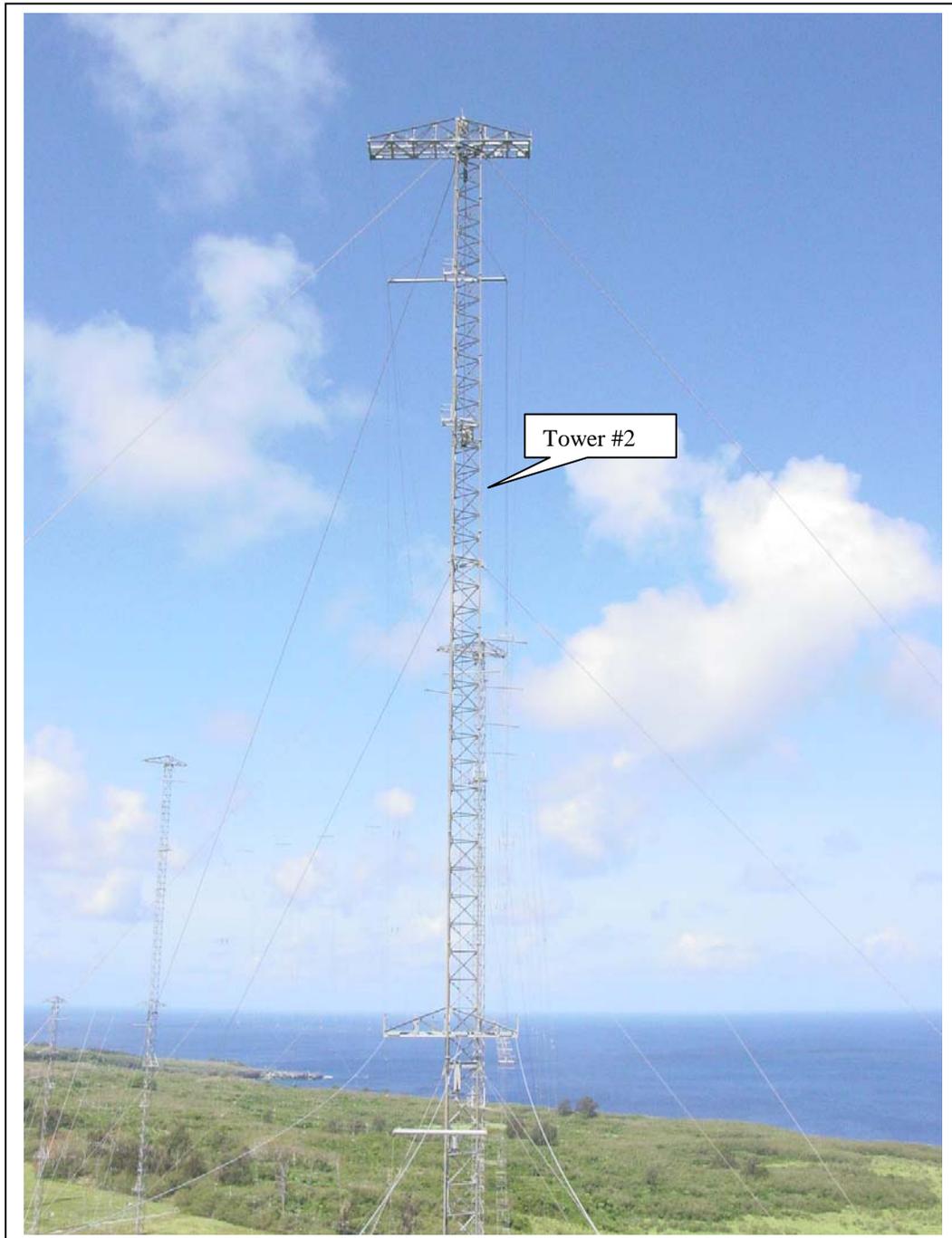


Photo No. T2.1

Photo No. T2.1 is a view of tower #2 from the top of tower #1.



Photo No. T2.2



Photo No. T2.3

Photo No.T2.2 is a view of the catenary connection plate at the northwest side of the lower level outrigger.

Photo No.T2.3 is a view of the catenary connection plate at the southeast side of the lower level outrigger.



Photo No. T2.4



Photo No. T2.5

Photo Nos. T2.4 and T2.5 show the catenary connection plate at the middle of the lower level outrigger.



Photo No. T2.6



Photo No. T2.7

Photo Nos. T2.6 and T2.7 show the condition of the lower level outrigger at the 228-ft elevation.

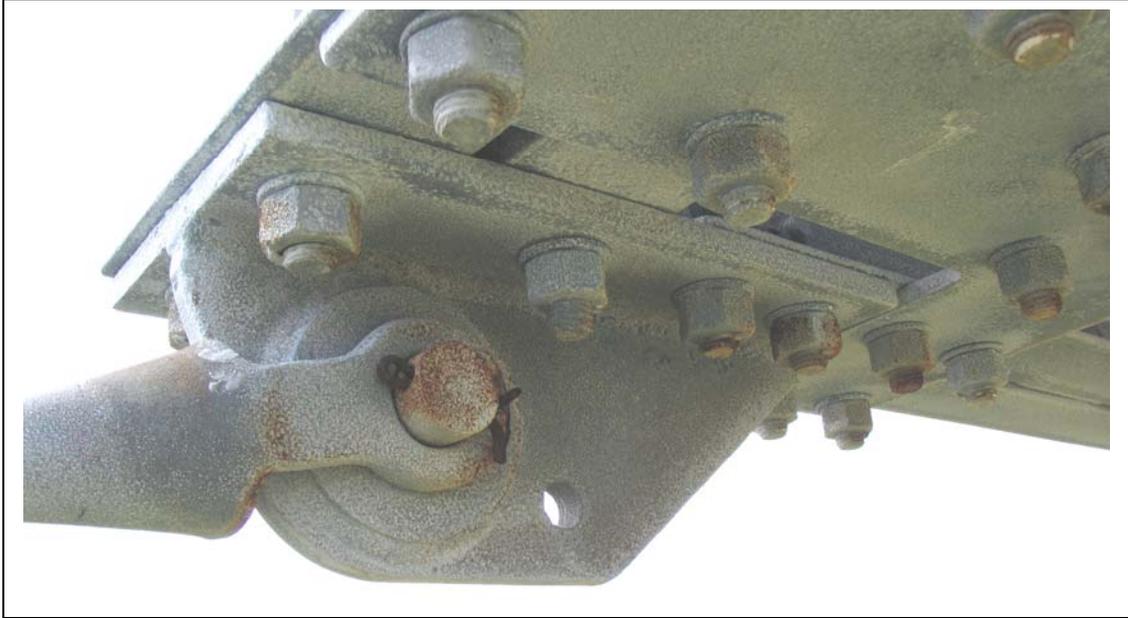


Photo No. T2.8

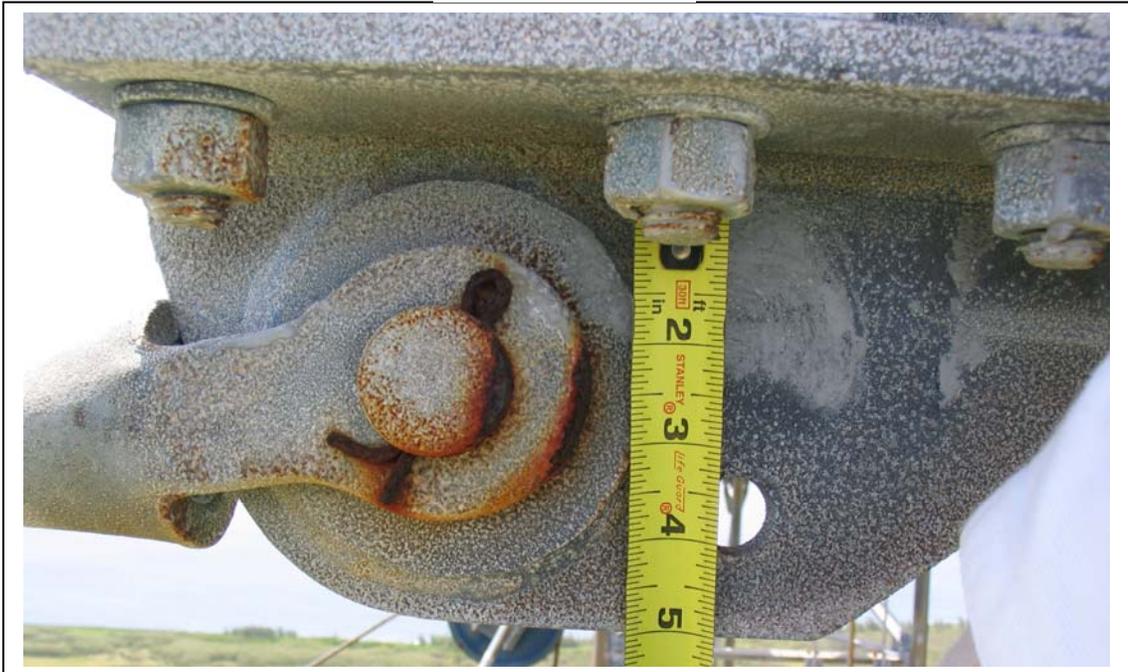


Photo No. T2.9

Photo No.T2.8 is a view of the catenary connection plate at the northwest side of the top level outrigger. Photo No.T2.9 is a view of the catenary connection plate at the southeast side of the top level outrigger. Note the rusted condition of the cotter pins.

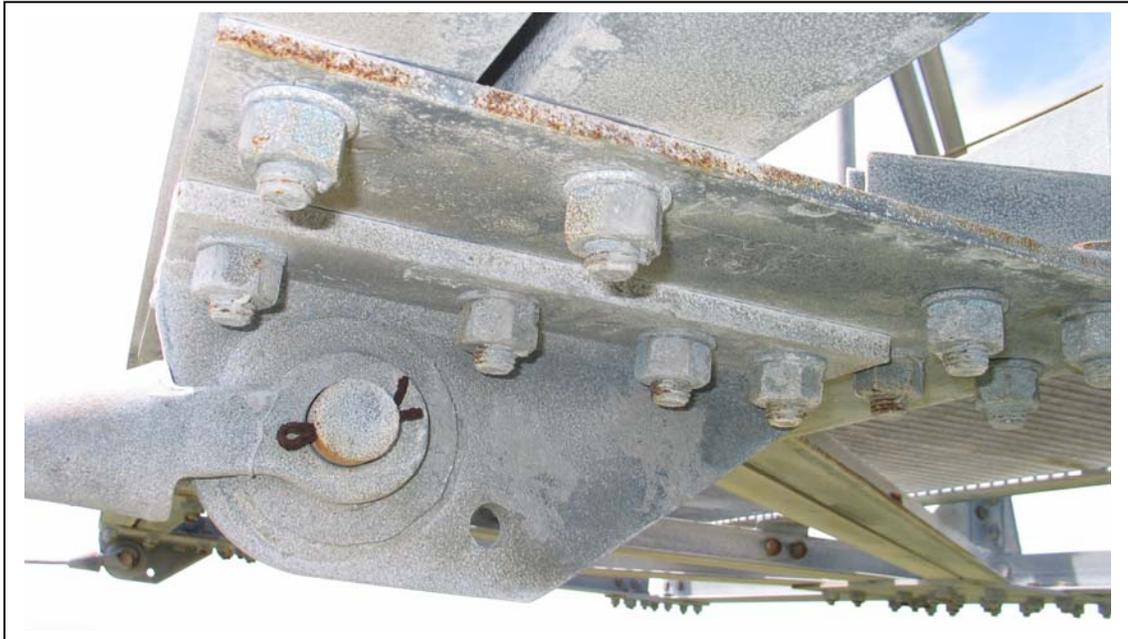


Photo No. T2.10



Photo No. T2.11

Photo Nos. T2.10 and T2.11 show the catenary connection plate at the middle of the top level outrigger.



Photo No. T2.12



Photo No. T2.13

Photo Nos. T2.12 and T2.13 show the condition of the top level outrigger at the 422-ft elevation.

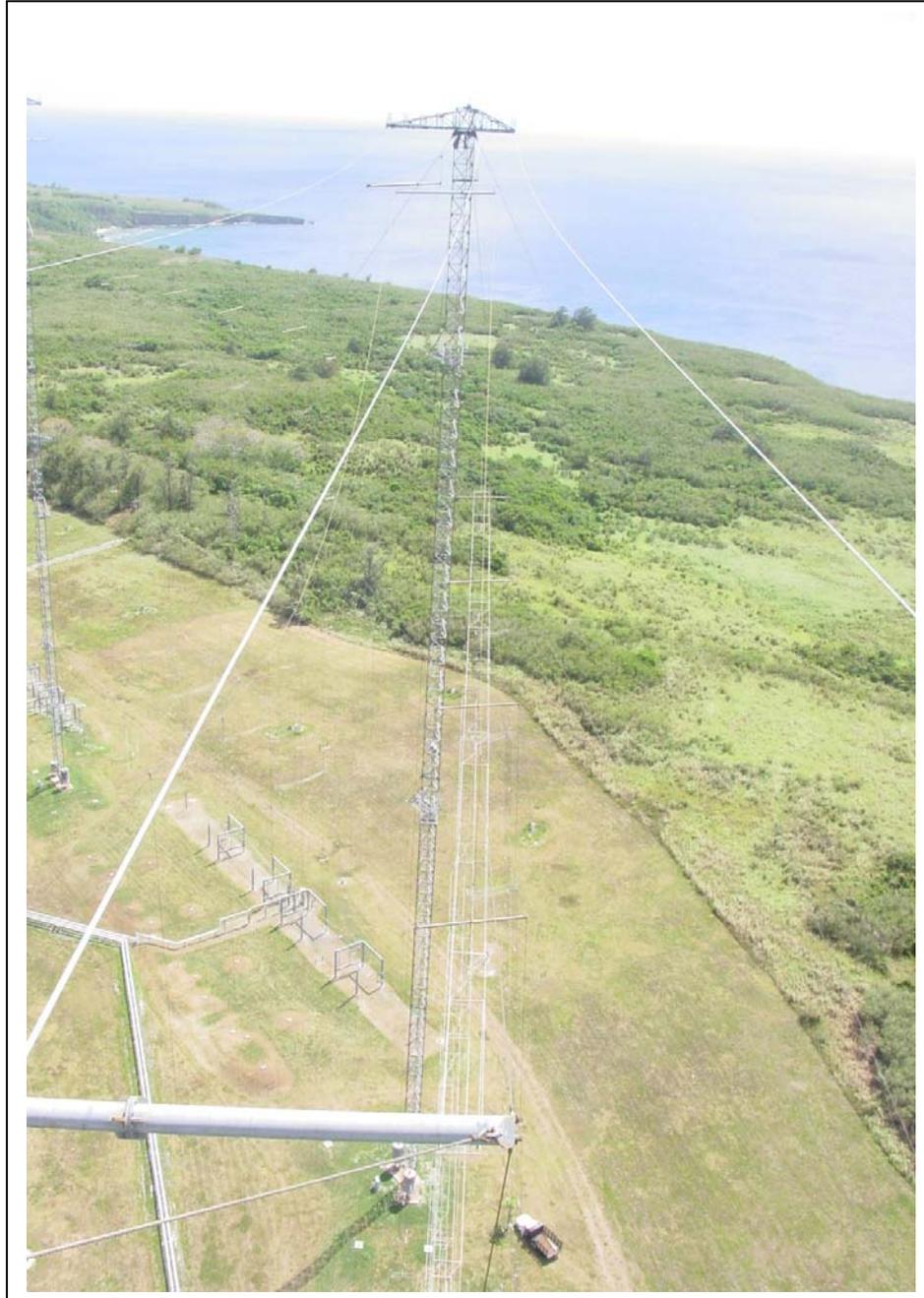


Photo No. T3.1

Photo No. T3.1 is a view of tower #3 from the top of tower #2.



Photo No. T3.2

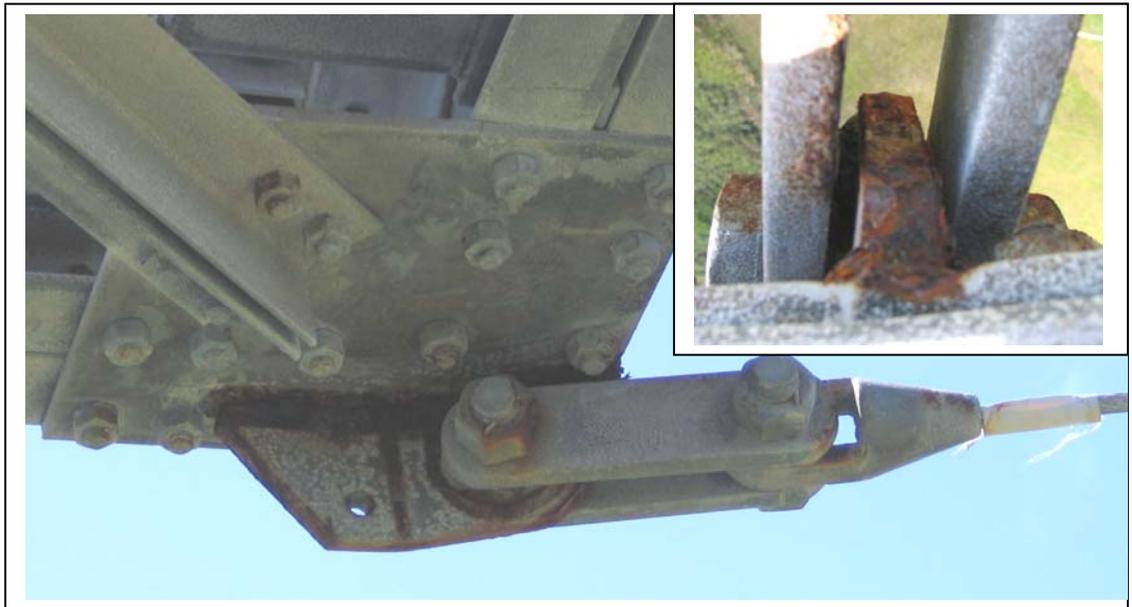


Photo No. T3.3

Photo Nos.T3.2 and T3.3 show two catenary connection plates at the northwest side of the outrigger. Note the rusted condition of the plates.



Photo No. T3.4



Photo No. T3.5

Photo Nos.T3.4 and T3.5 show two catenary connection plates at the southeast side of the outrigger.



Photo No. T3.6



Photo No. T3.7

Photo Nos.T3.6 and T3.7 show two catenary connection plates at the middle of the outrigger. Note the rusted condition of the plates and the loose bolt on one of the plates.



Photo No. T3.8



Photo No. T3.9

Photo Nos. T3.8 and T3.9 show the condition of the outrigger at the 422-ft elevation.

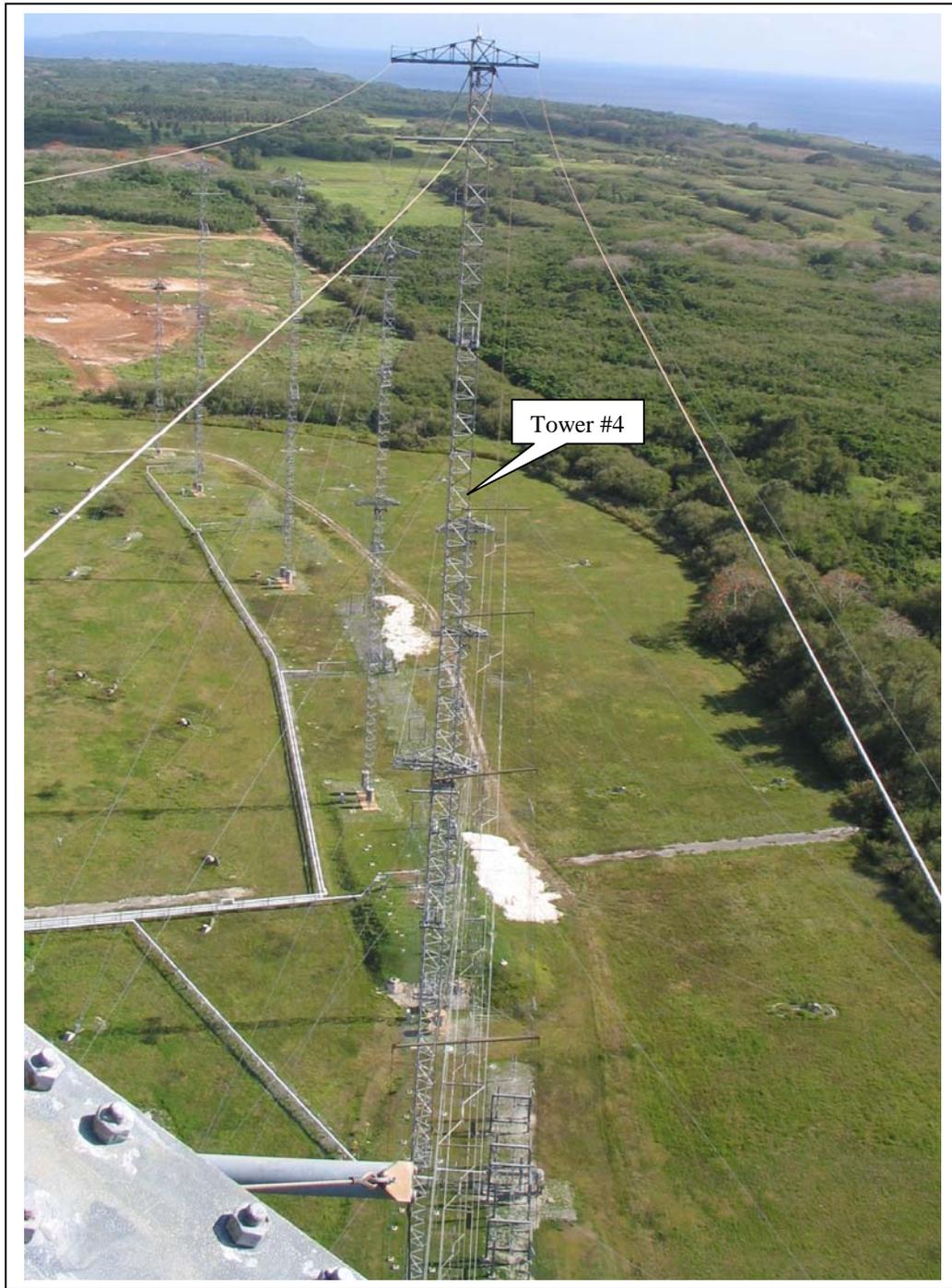


Photo No. T4.1

Photo No. T4.1 is a view of tower #4 from the top of tower #3.

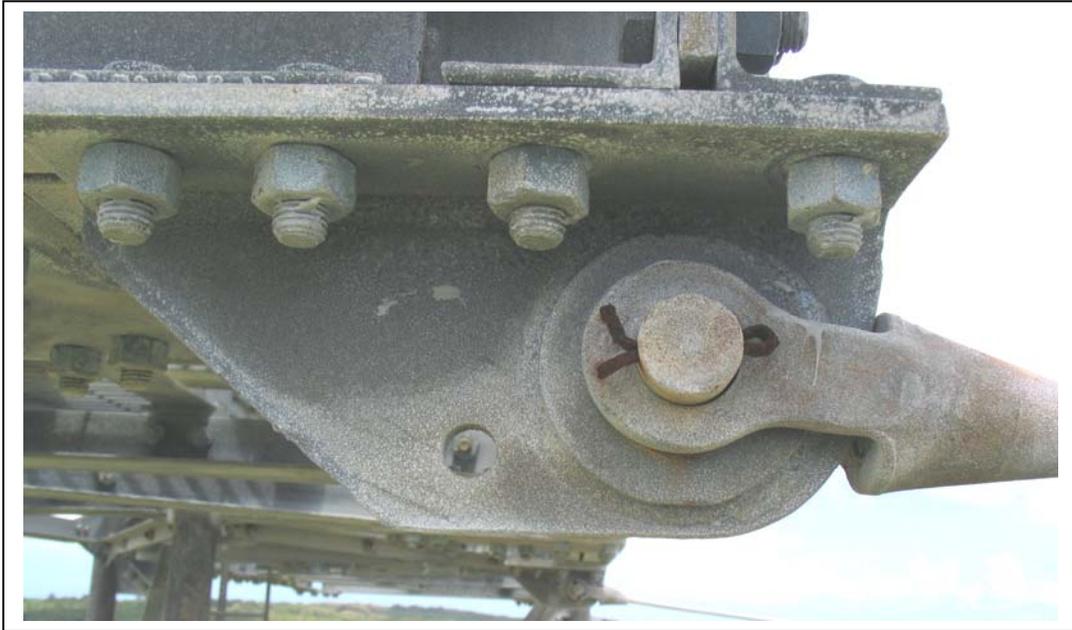


Photo No. T4.2

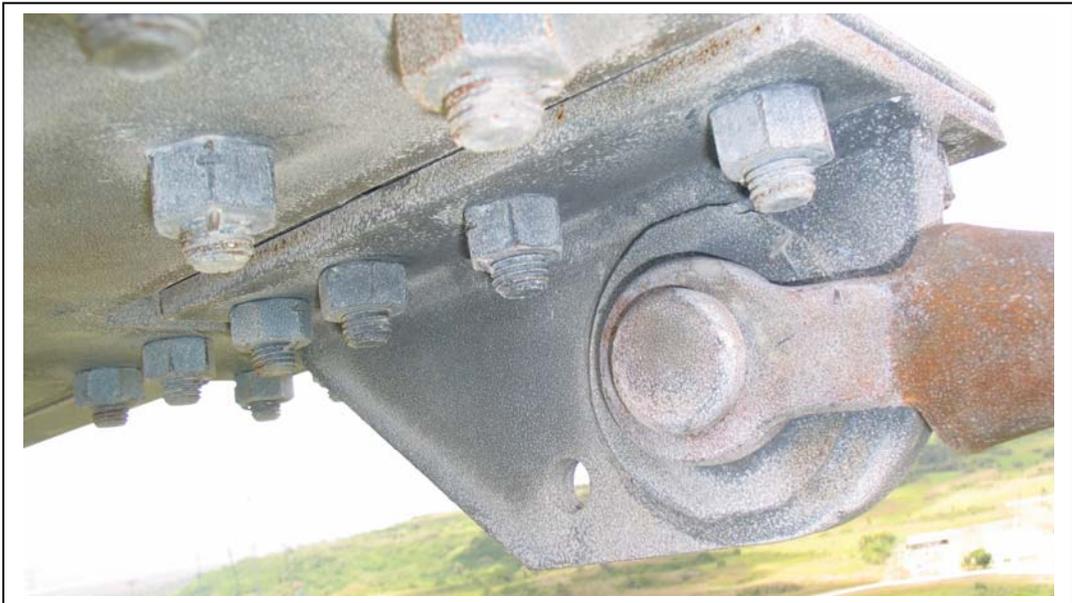


Photo No. T4.3

Photo No.T4.2 is a view of the catenary connection plate at the northwest side of the lower level outrigger.

Photo No.T4.3 is a view of the catenary connection plate at the southeast side of the lower level outrigger.



Photo No. T4.4



Photo No. T4.5

Photo Nos. T4.4 and T4.5 show the catenary connection plate at the middle of the lower level outrigger.



Photo No. T4.6



Photo No. T4.7

Photo Nos. T4.6 and T4.7 show the condition of the lower level outrigger at the 232.7-ft elevation.



Photo No. T4.8



Photo No. T4.9

Photo No.T4.8 is a view of the catenary connection plate at the northwest side of the top level outrigger. Photo No.T4.9 is a view of the catenary connection plate at the southeast side of the top level outrigger. Note the rusted condition of the cotter pins.



Photo No. T4.10



Photo No. T4.11

Photo Nos. T4.10 and T4.11 show the catenary connection plate at the middle of the top level outrigger.



Photo No. T4.12



Photo No. T4.13

Photo Nos. T4.12 and T4.13 show the condition of the top level outrigger at the 422-ft elevation.

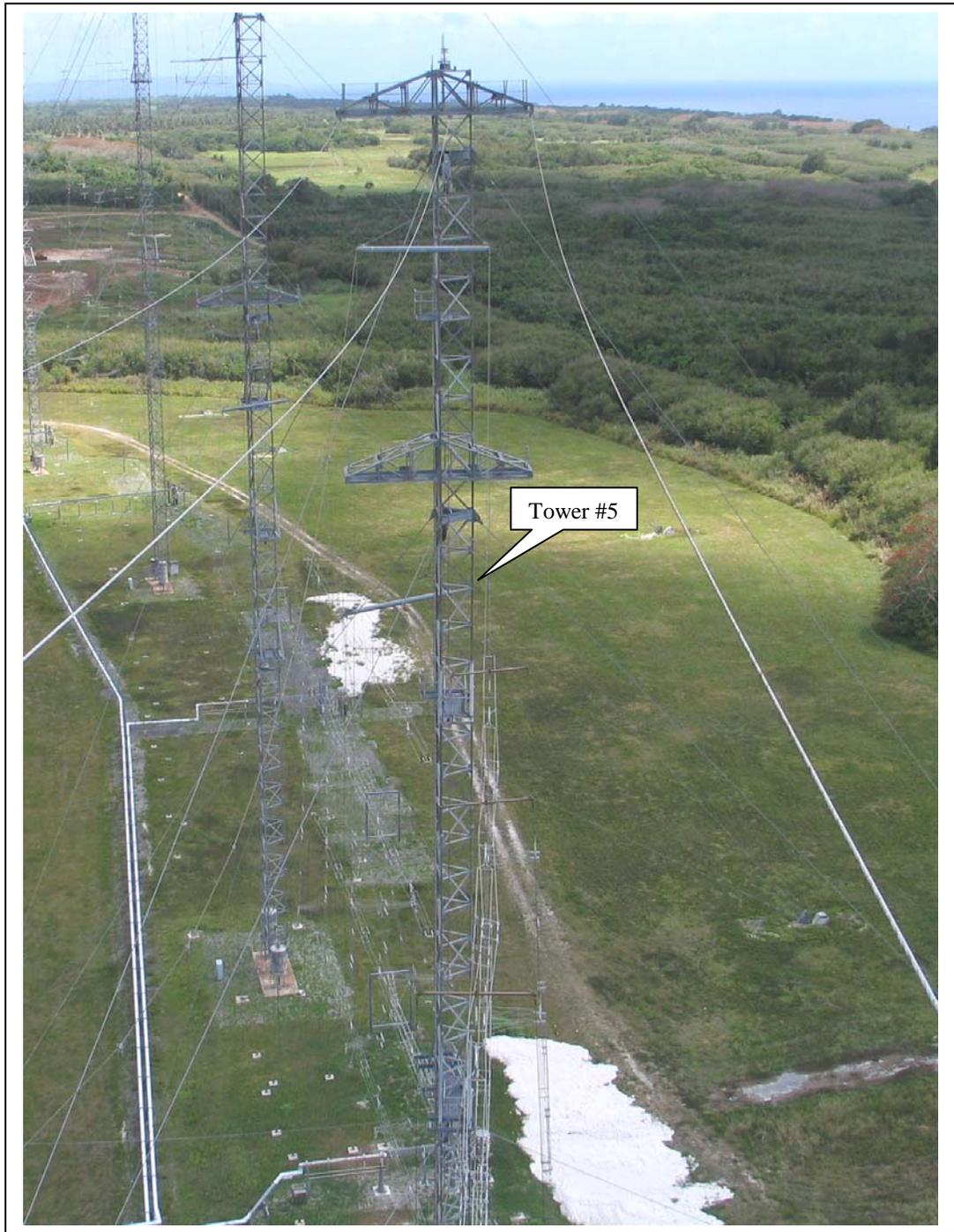


Photo No. T5.1

Photo No. T5.1 is a view of tower #5 from tower #4.



Photo No. T5.2



Photo No. T5.3

Photo No.T5.2 is a view of the catenary connection plate at the northwest side of the lower level outrigger.

Photo No.T5.3 is a view of the catenary connection plate at the southeast side of the lower level outrigger.



Photo No. T5.4



Photo No. T5.5

Photo Nos. T5.4 and T5.5 show the catenary connection plate at the middle of the lower level outrigger.



Photo No. T5.6



Photo No. T5.7

Photo Nos. T5.6 and T5.7 show the condition of the lower level outrigger at the 187.5-ft elevation.

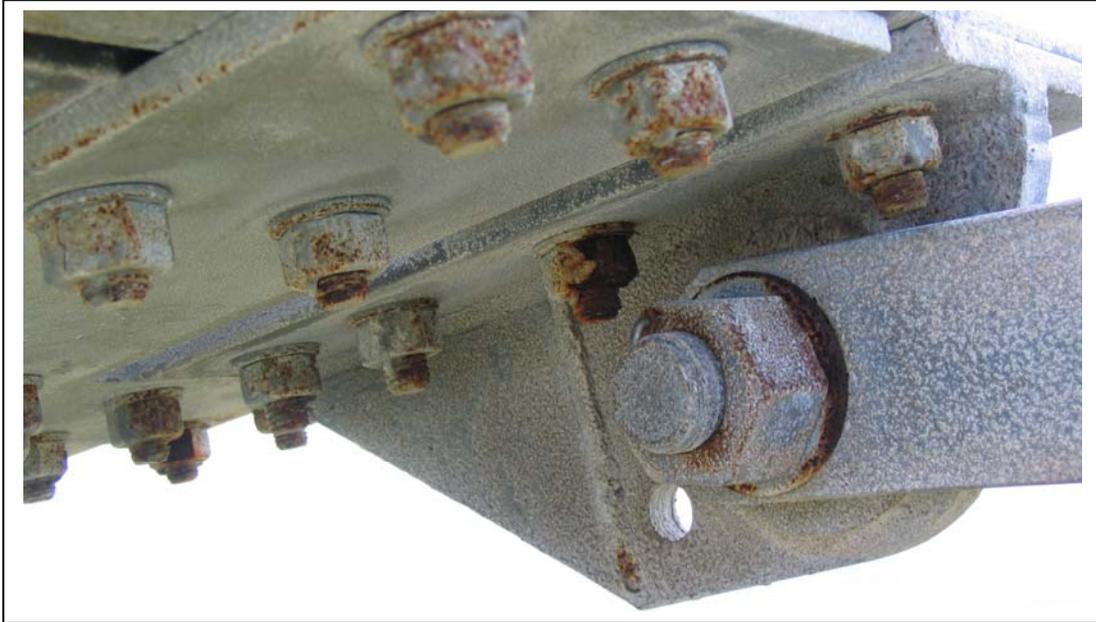


Photo No. T5.8



Photo No. T5.9

Photo No.T5.8 is a view of the catenary connection plate at the northwest side of the top level outrigger. Photo No.T5.9 is a view of the catenary connection plate at the southeast side of the top level outrigger.



Photo No. T5.10



Photo No. T5.11

Photo Nos. T5.10 and T5.11 show the catenary connection plate at the middle of the top level outrigger.



Photo No. T5.12



Photo No. T5.13

Photo Nos. T5.12 and T5.13 show the condition of the top level outrigger at the 232.7-ft elevation.

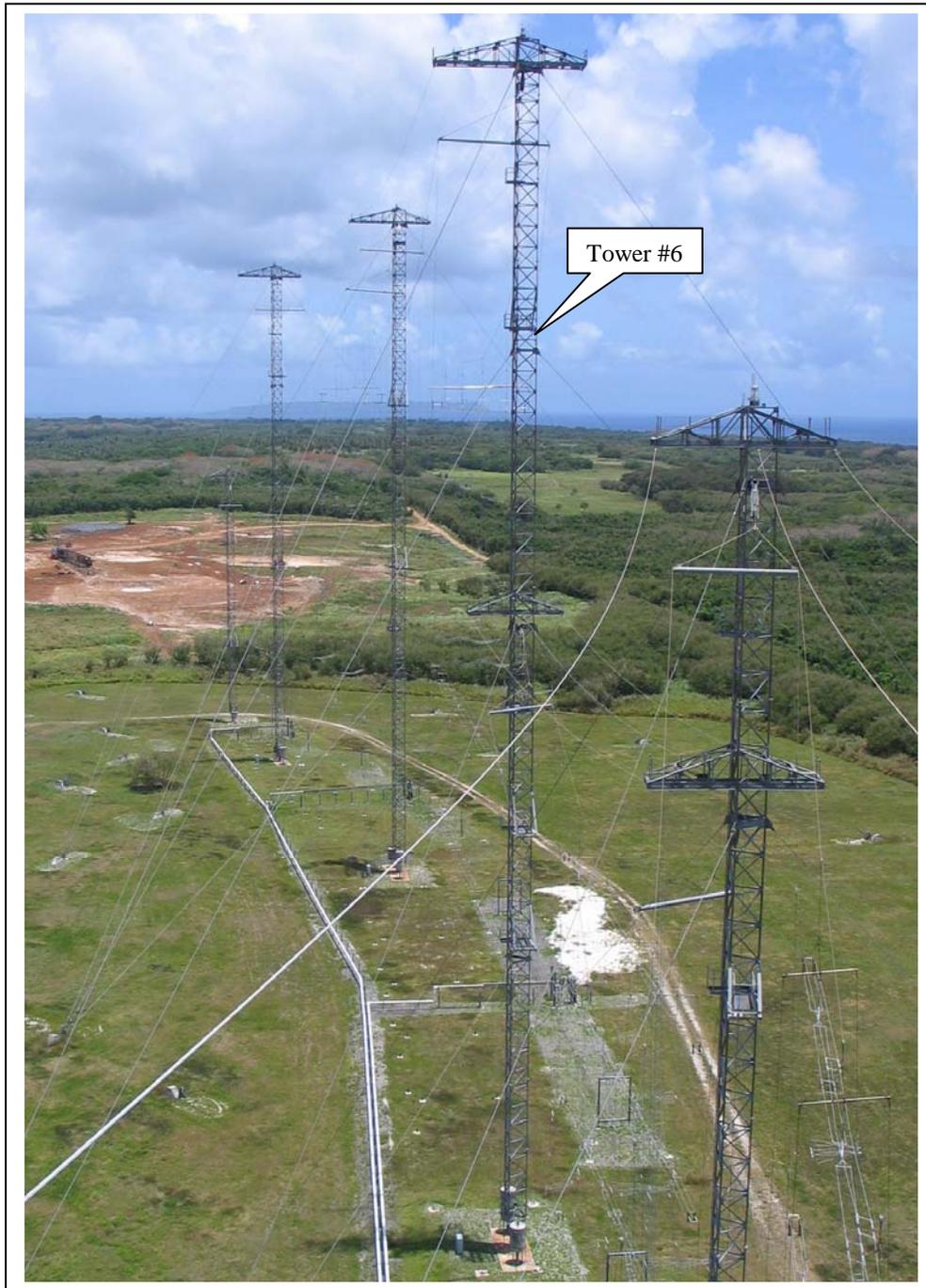


Photo No. T6.1

Photo No. T6.1 is a view of tower #6 from tower #4.



Photo No. T6.2



Photo No. T6.3

Photo No.T6.2 is a view of the catenary connection plate at the northwest side of the lower level outrigger.

Photo No.T6.3 is a view of the catenary connection plate at the southeast side of the lower level outrigger.



Photo No. T6.4



Photo No. T6.5

Photo Nos. T6.4 and T6.5 show the catenary connection plate at the middle of the lower level outrigger.



Photo No. T6.6



Photo No. T6.7

Photo Nos. T6.6 and T6.7 show the condition of the lower level outrigger at the 172.5-ft elevation.



Photo No. T6.8



Photo No. T6.9

Photo No.T6.8 is a view of the catenary connection plate at the northwest side of the top level outrigger. Photo No.T6.9 is a view of the catenary connection plate at the southeast side of the top level outrigger.



Photo No. T6.10

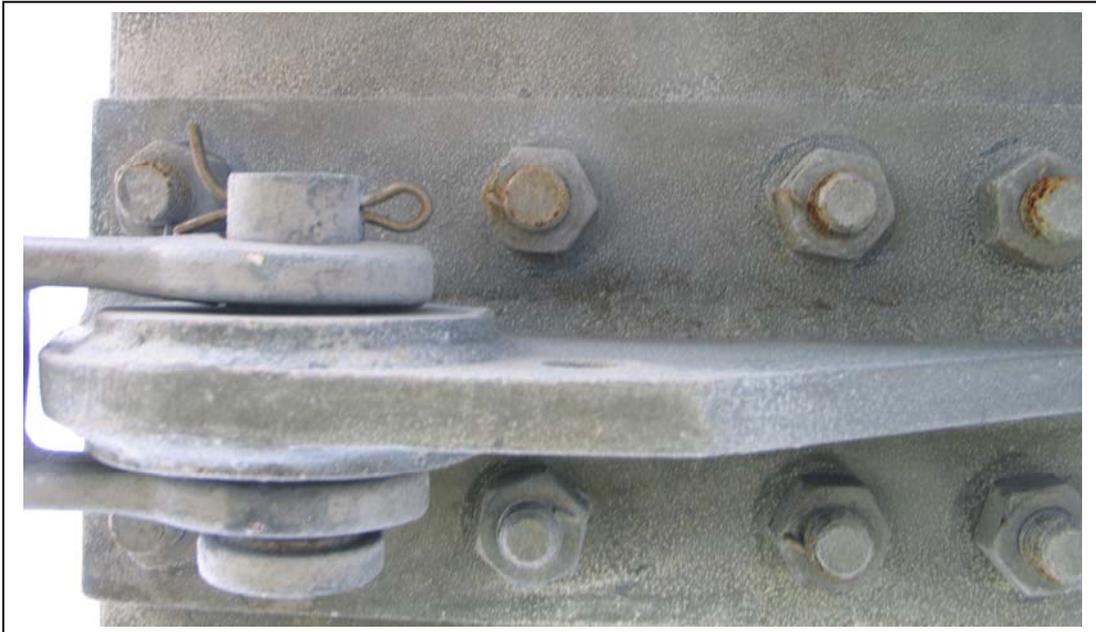


Photo No. T6.11

Photo Nos. T6.10 and T6.11 show the catenary connection plate at the middle of the top level outrigger.



Photo No. T6.12



Photo No. T6.13

Photo Nos. T6.12 and T6.13 show the condition of the top level outrigger at the 305-ft elevation.

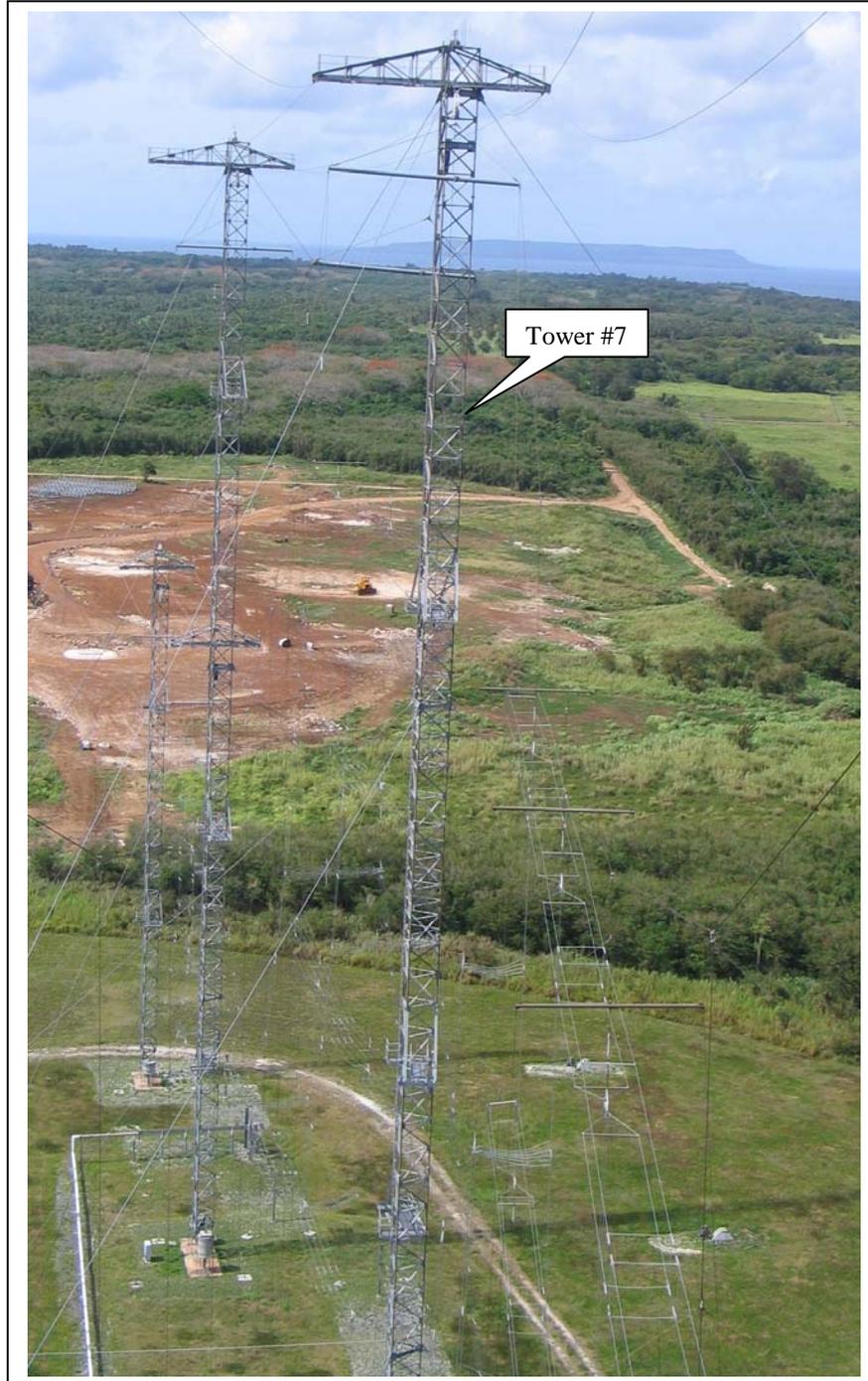


Photo No. T7.1

Photo No. T7.1 is a view of tower #7 from tower #6.



Photo No. T7.2



Photo No. T7.3



Photo No. T7.4

Photo Nos. T7.2, T7.3 and T7.4 show two catenary connection plates at the west side of the outrigger.



Photo No. T7.5



Photo No. T7.6



Photo No. T7.7

Photo Nos. T7.4, T7.5 and T7.7 show two catenary connection plates at the east side of the outrigger.



Photo No. T7.8

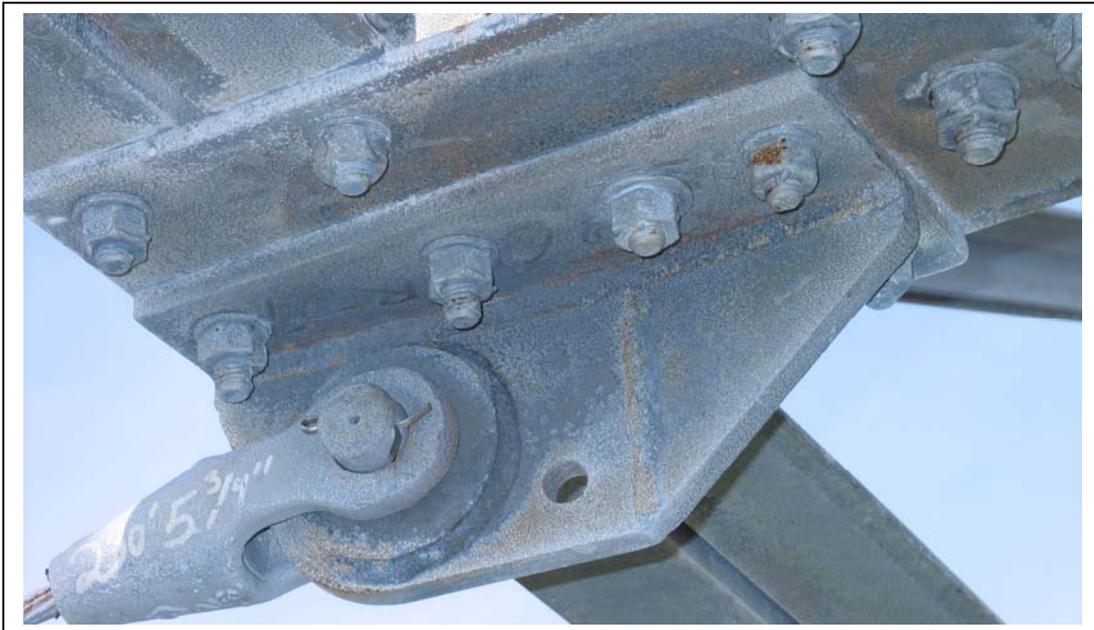


Photo No. T7.9

Photo Nos. T7.8 and T7.9 show two catenary connection plates at the middle of the outrigger.



Photo No. T7.10



Photo No. T7.11

Photo Nos. T7.10 and T7.11 show the condition of the top level outrigger at the 305-ft elevation.

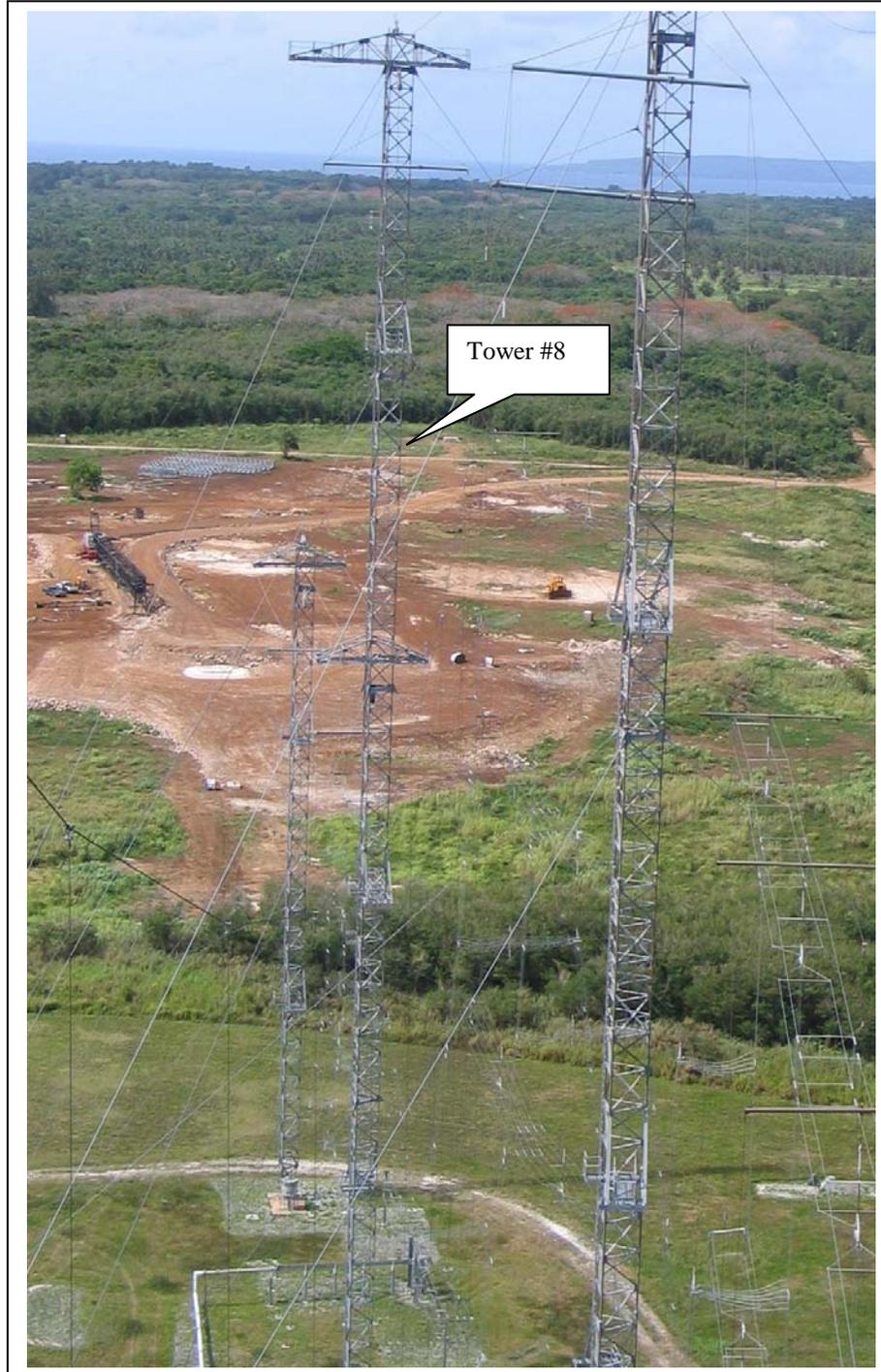


Photo No. T8.1

Photo No. T8.1 is a view of tower #8 from tower #6.



Photo No. T8.2



Photo No. T8.3

Photo No.T8.2 is a view of the catenary connection plate at the west side of the lower level outrigger.

Photo No.T8.3 is a view of the catenary connection plate at the east side of the lower level outrigger.



Photo No. T8.4



Photo No. T8.5

Photo Nos. T8.4 and T8.5 show the catenary connection plate at the middle of the lower level outrigger.

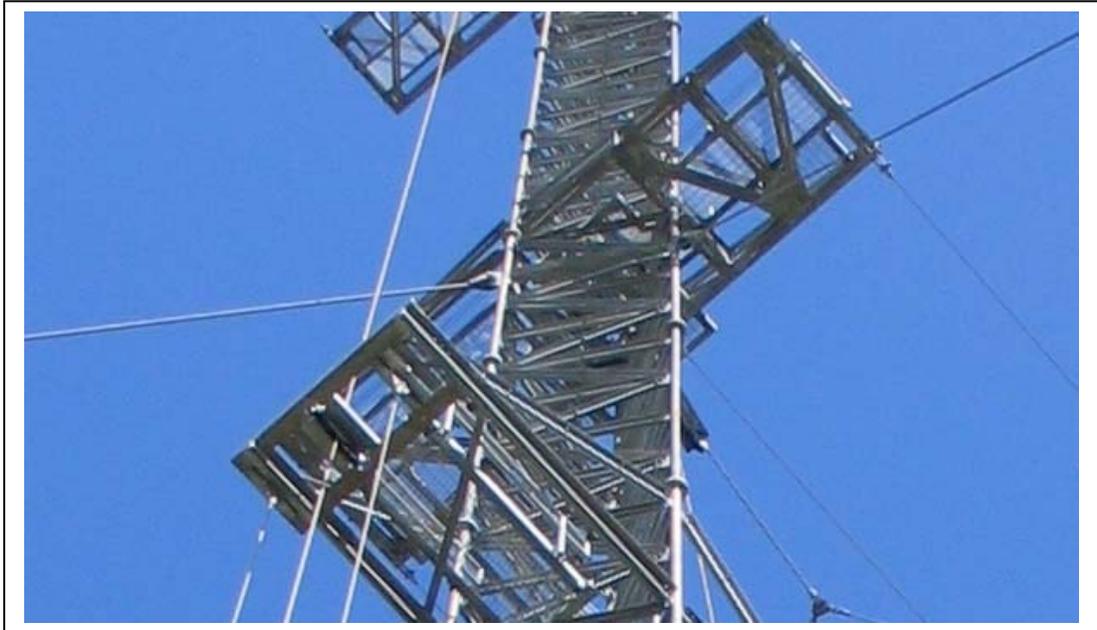


Photo No. T8.6



Photo No. T8.7

Photo Nos. T8.6 and T8.7 show the lower level outrigger at the 167.5-ft elevation.

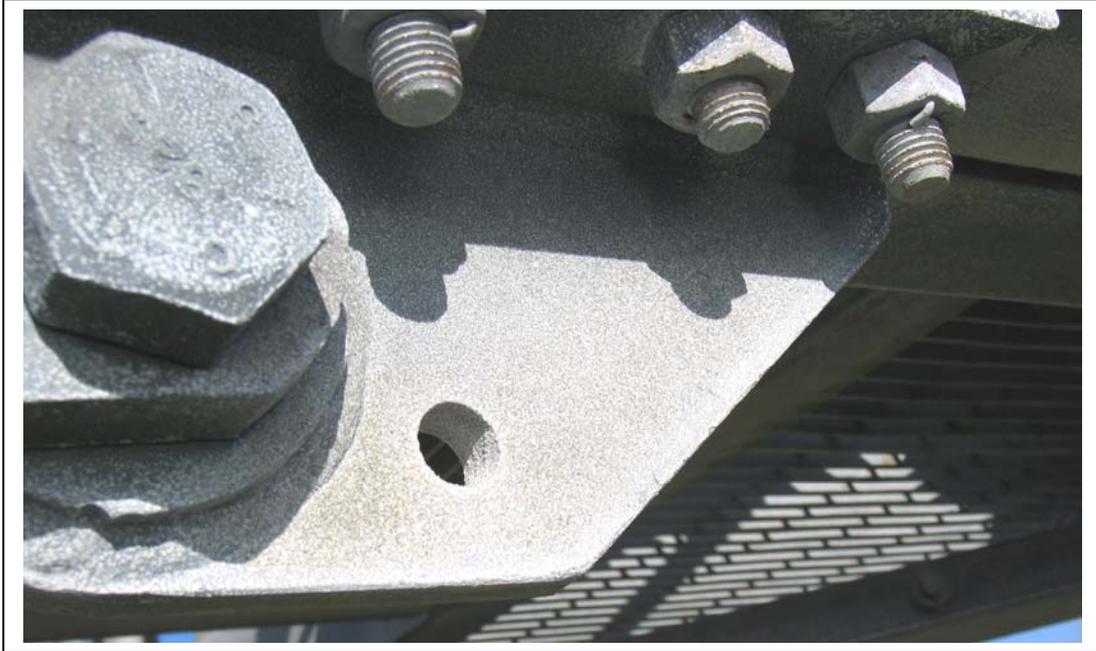


Photo No. T8.8



Photo No. T8.9

Photo No.T8.8 is a view of the catenary connection plate at the west side of the top level outrigger. Photo No.T8.9 is a view of the catenary connection plate at the east side of the top level outrigger.



Photo No. T8.10



Photo No. T8.11

Photo Nos. T8.10 and T8.11 show the catenary connection plate at the middle of the top level outrigger.



Photo No. T8.12

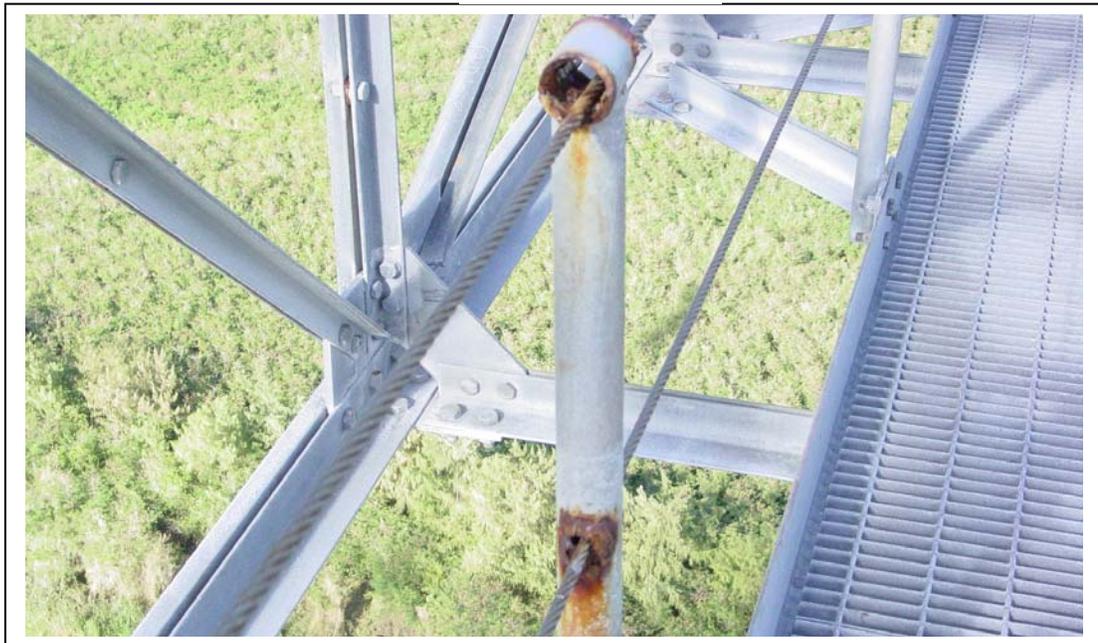


Photo No. T8.13

Photo Nos. T8.12 and T8.13 show the condition of the top level outrigger at the 291.5-ft elevation.

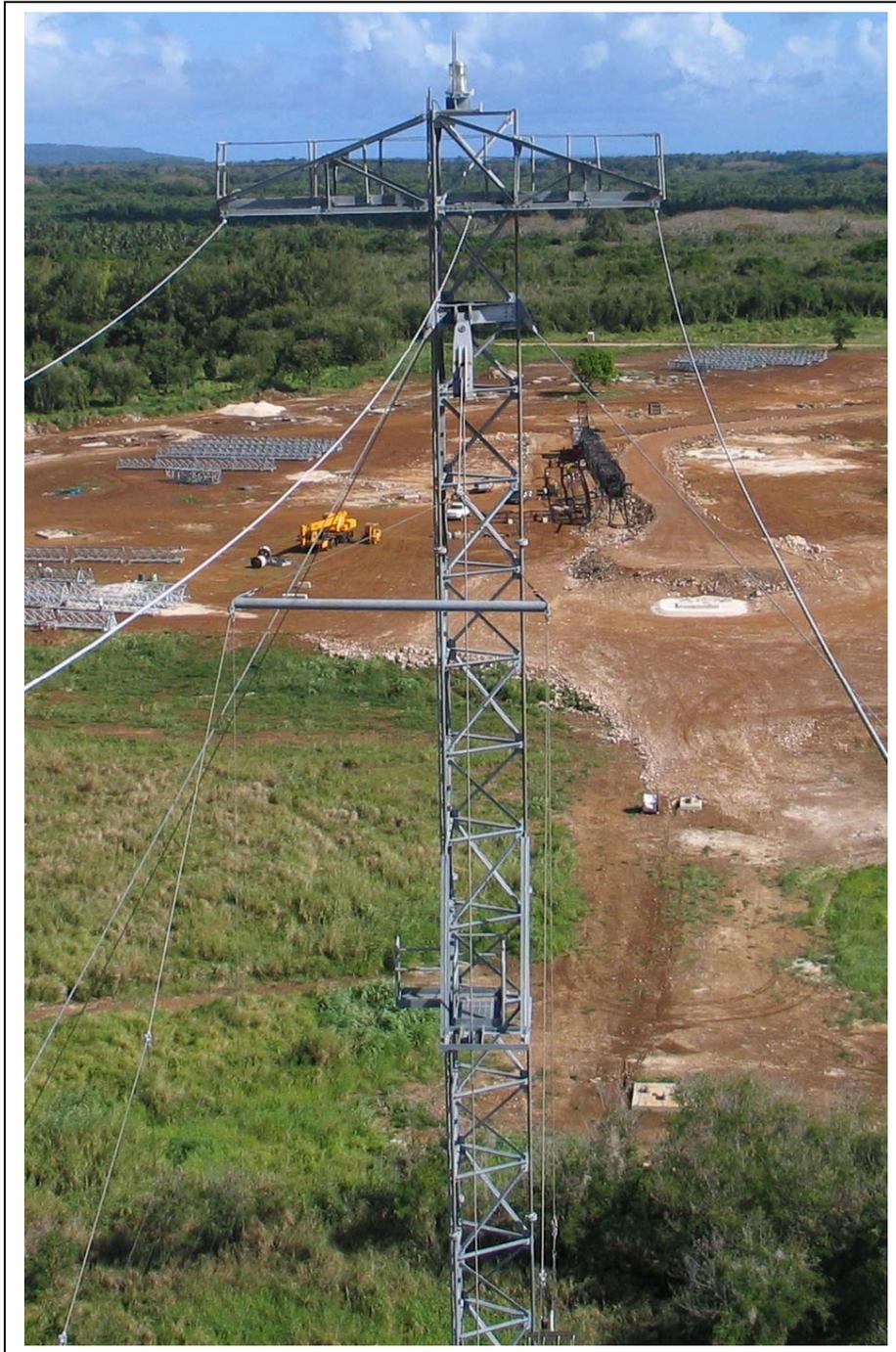


Photo No. T9.1

Photo No. T9.1 is a view of tower #9 from tower #8.



Photo No. T9.2

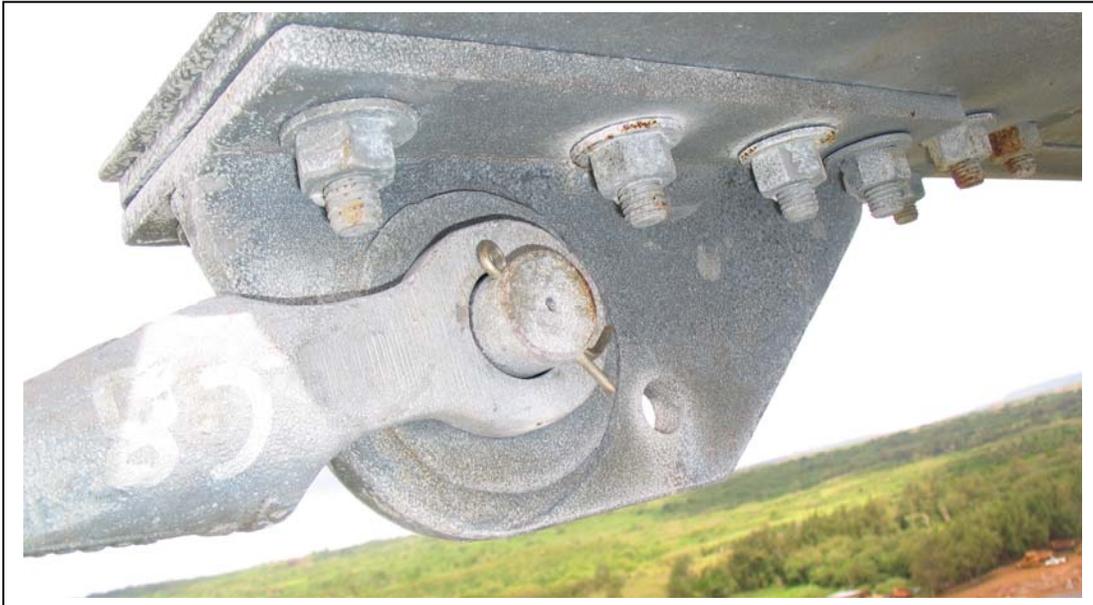


Photo No. T9.3

Photo No.T9.2 is a view of the catenary connection plate at the west side of the outrigger.
Photo No.T9.3 is a view of the catenary connection plate at the east side of the outrigger.



Photo No. T9.4

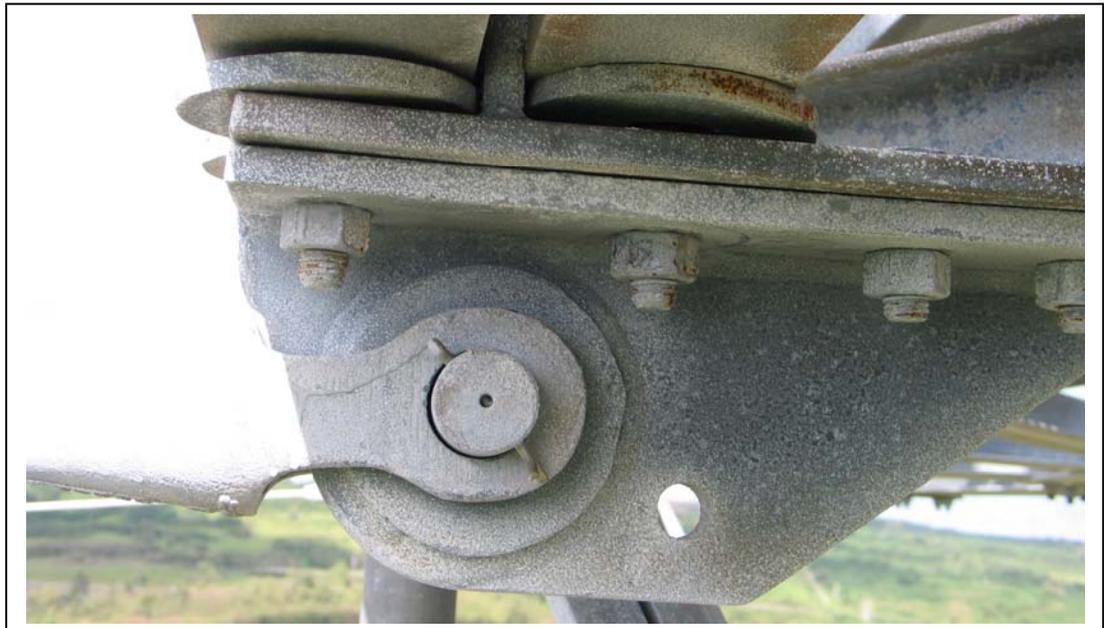


Photo No. T9.5

Photo Nos. T9.4 and T9.5 show the catenary connection plate at the middle of the outrigger.



Photo No. T9.6



Photo No. T9.7

Photo Nos. T9.6 and T9.7 show the condition of the outrigger at the top of the tower.