Federal State Educational Institution of Higher Education
«Gubkin Russian State University of Oil and Gas (National Research University)

COMPARATIVE ANALYSIS OF THE FATIGUE CHARACTERISTICS OF REPAIRED COMPOUNDS OF THE "T" AND "K" TYPES OF FIXED OFFSHORE PLATFORMS

The chief of the Department APS

PhD, Starokon Ivan

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Types of welded joints of marine stationary platforms

Figure 1. Type "T" compound.

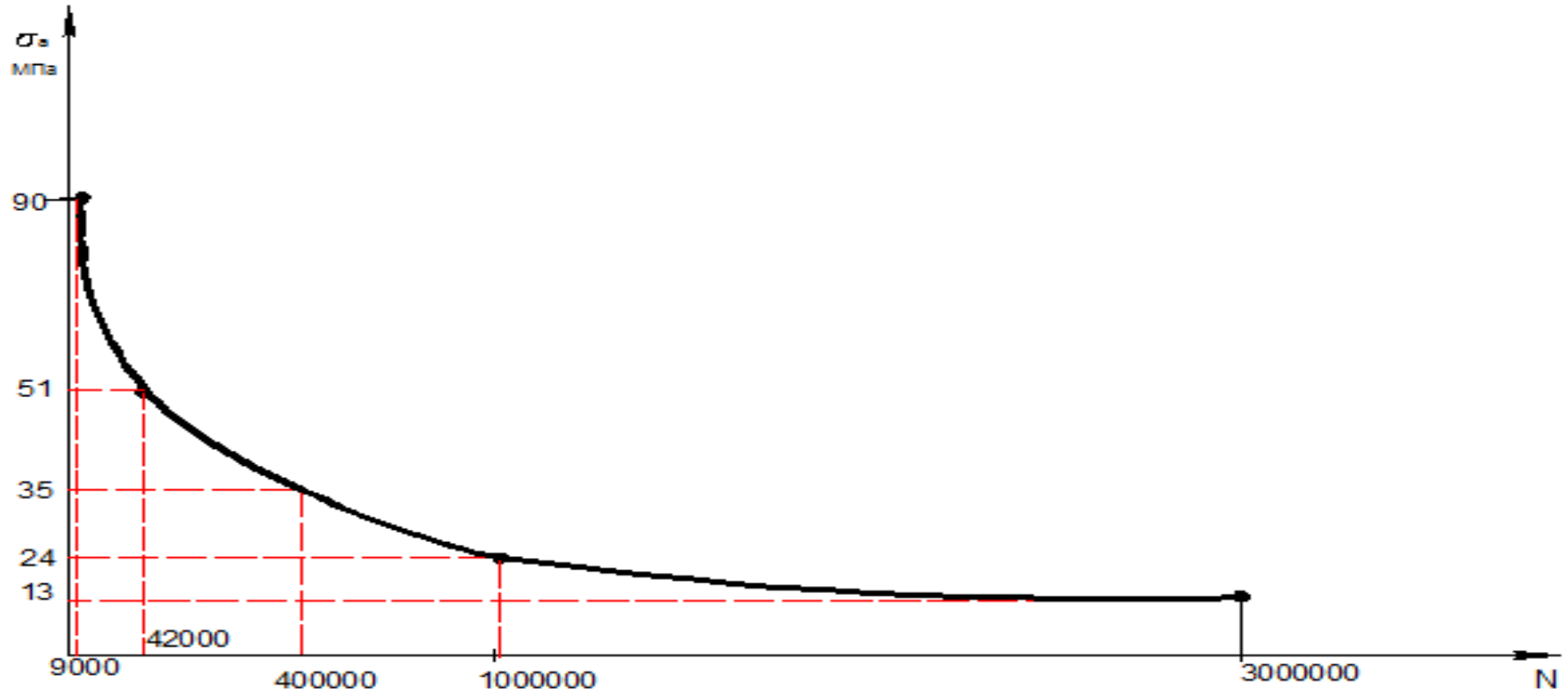
Figure 2. Type "K" compound.

Experimental models of welded joints of offshore stationary platforms

Figure 5. The repaired "T" -type compound.

Figure 6. The repaired "K" -type compound.

Results obtained during experiments with the repaired "T" joint: σ - the amplitude of the alternating stresses acting in the welded joint; N-number of cycles.:



Results obtained during experiments with the repaired “K" joint: σ - the amplitude of the alternating stresses acting in the welded joint; N-number of cycles.: