## 1b.ii: Detailed Paragraph (Technical, Rephrased)

The generated policy π allocates t1​ and t3​ tasks to w1​ and w2​ in path-optimized sequences, exploiting the low movement cost structure. Concurrently, r1​ and r2​ perform a parallelized spatial decomposition of the t2​ task set, minimizing the mission duration component. The optimality criterion relies on the **Pareto Front P**, which is the boundary in the performance space (P(π),E[C]) defining the set of maximally efficient policies. This front rigorously defines the trade-off. Enforcing the mission constraint P(π)≥0.91 results in the selection of **Solution ID 15**. This policy achieves a system reliability of P(π)=0.916 with an expected cost E[C]=37.10. The high reliability value is maintained by prioritizing the local fault tolerance budget Nmax​(ti​) on the most failure-prone t2​ tasks, specifically allocating **9 and 8** retries to the t2​l5 and t2​l9 instances, respectively, alongside **3** retries for the t1​l4 instance.