

PTM Animations Illustrating the Flexibility of South Delta Permanent Barriers Operations

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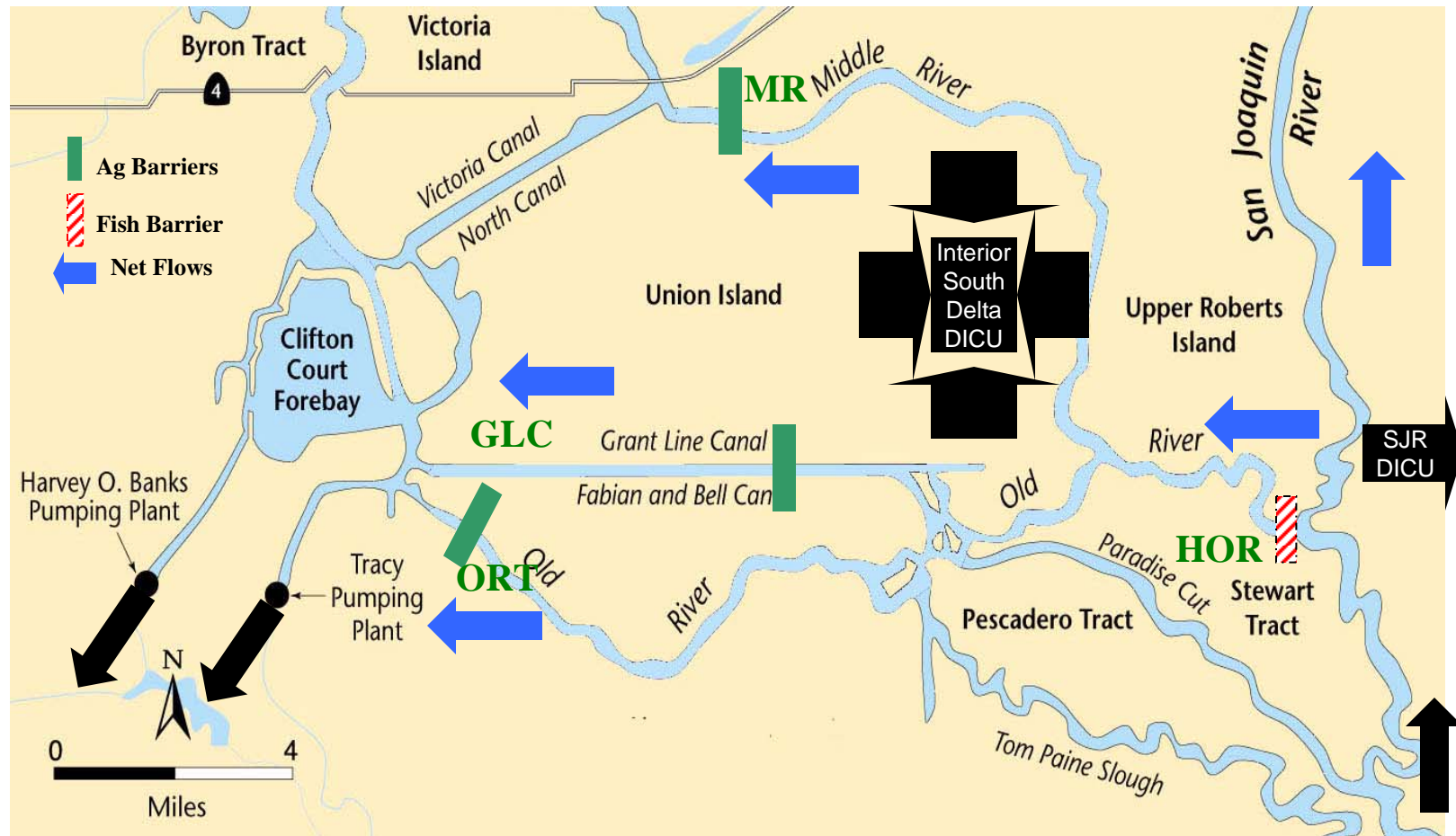
January 25, 2004

Objectives of South Delta Permanent Barriers



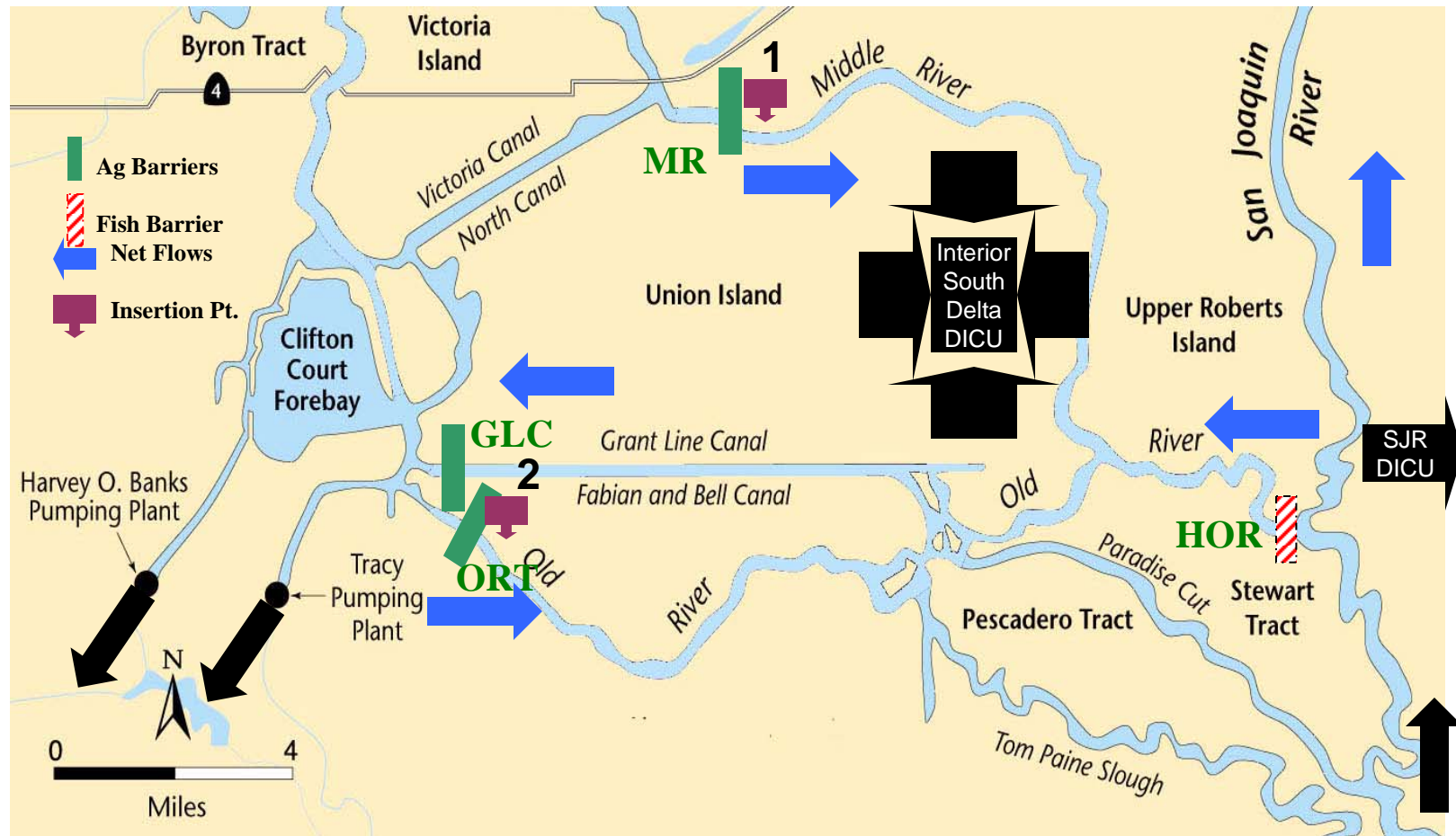
- Maintain minimum water level of 0 ft msl at target locations for South Delta Farmers
- Improve water quality standards to meet D1641 requirements

Temporary Barriers



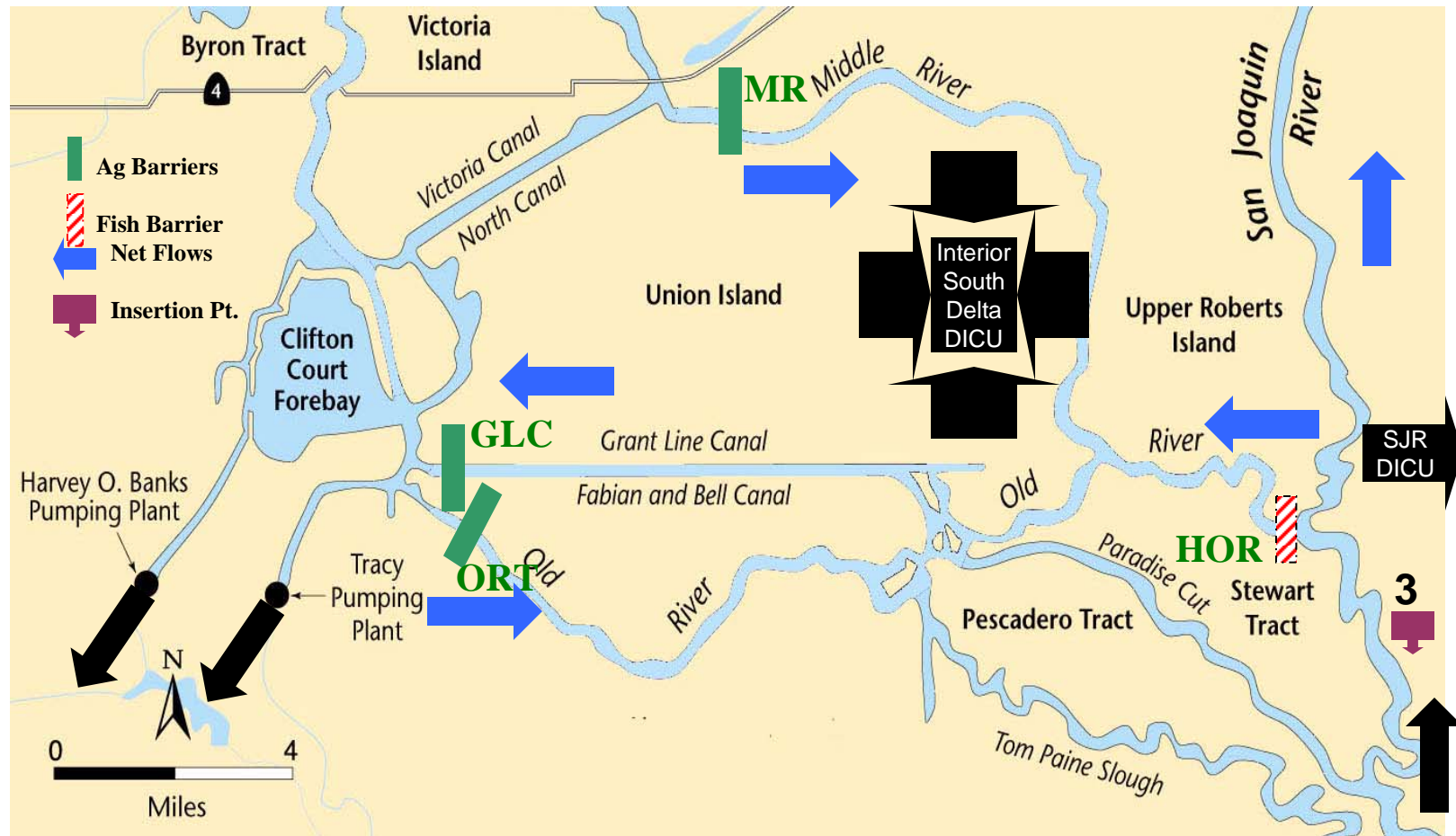
Temporary Barriers are rock barriers installed and removed every year (at certain time periods)

Permanent Barriers Ops Scenario 1 (Low SJR or HOR Operating)



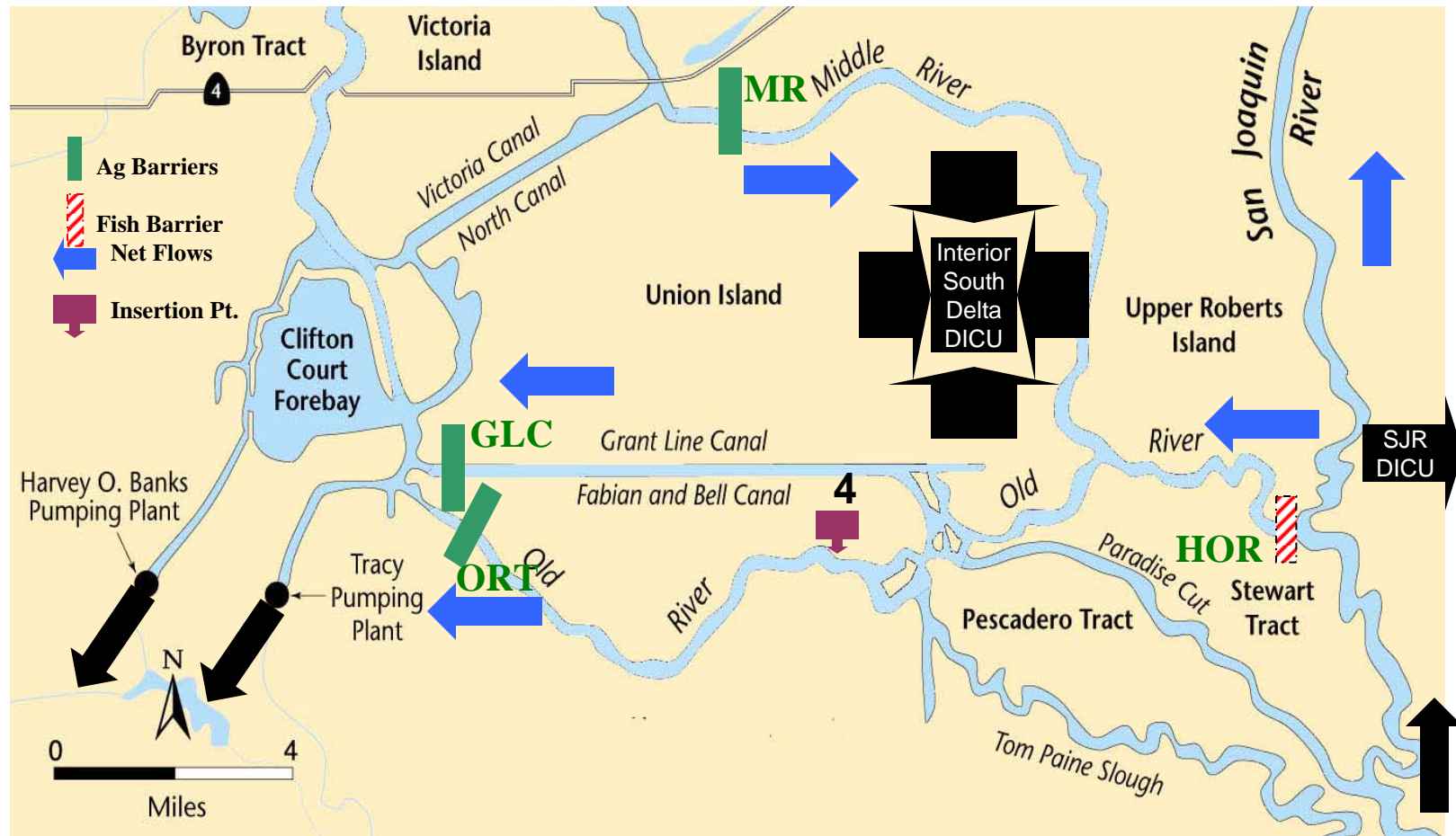
- Middle and Old River Barriers are closed during ebb tide
- GLC Barrier is partially opened during ebb tide

Permanent Barriers Ops Scenario 2 (Low SJR and High Pumping)



- Same as previous slide except
- HOR Barrier is regulated to achieve a desired flow split⁵

Permanent Barriers Ops Scenario 3 (Flushing Out Salt Accumulation)



- Middle River Barrier is closed during ebb tide
- GLC and ORT Barriers are partially opened during ebb tide

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