VIMS-CCRM Decision Tree For Currently Defended Shorelines

**Existing Groins**

- **Structural Integrity**
  - Serviceable/No Erosion
  - Wide beach present?
    - Yes: Maintain groins + beach nourishment
    - No: Remove groins + go to Undefended Shorelines Decision Tree

- **Falling or flanked**
  - Groins on adjacent shorelines (groin field)?
    - Yes: Repair or replace groin(s) + beach nourishment
    - No: Remove groin(s) + go to other structure decision tree
      - Yes: Remove groin(s) + go to other structure decision tree
      - No: Remove groin(s) + go to Undefended Shorelines Decision Tree

- **Revetment or Bulkhead also present?**
  - Yes: Remove groin(s) + go to other structure decision tree
  - No: Remove groin(s) + go to Undefended Shorelines Decision Tree