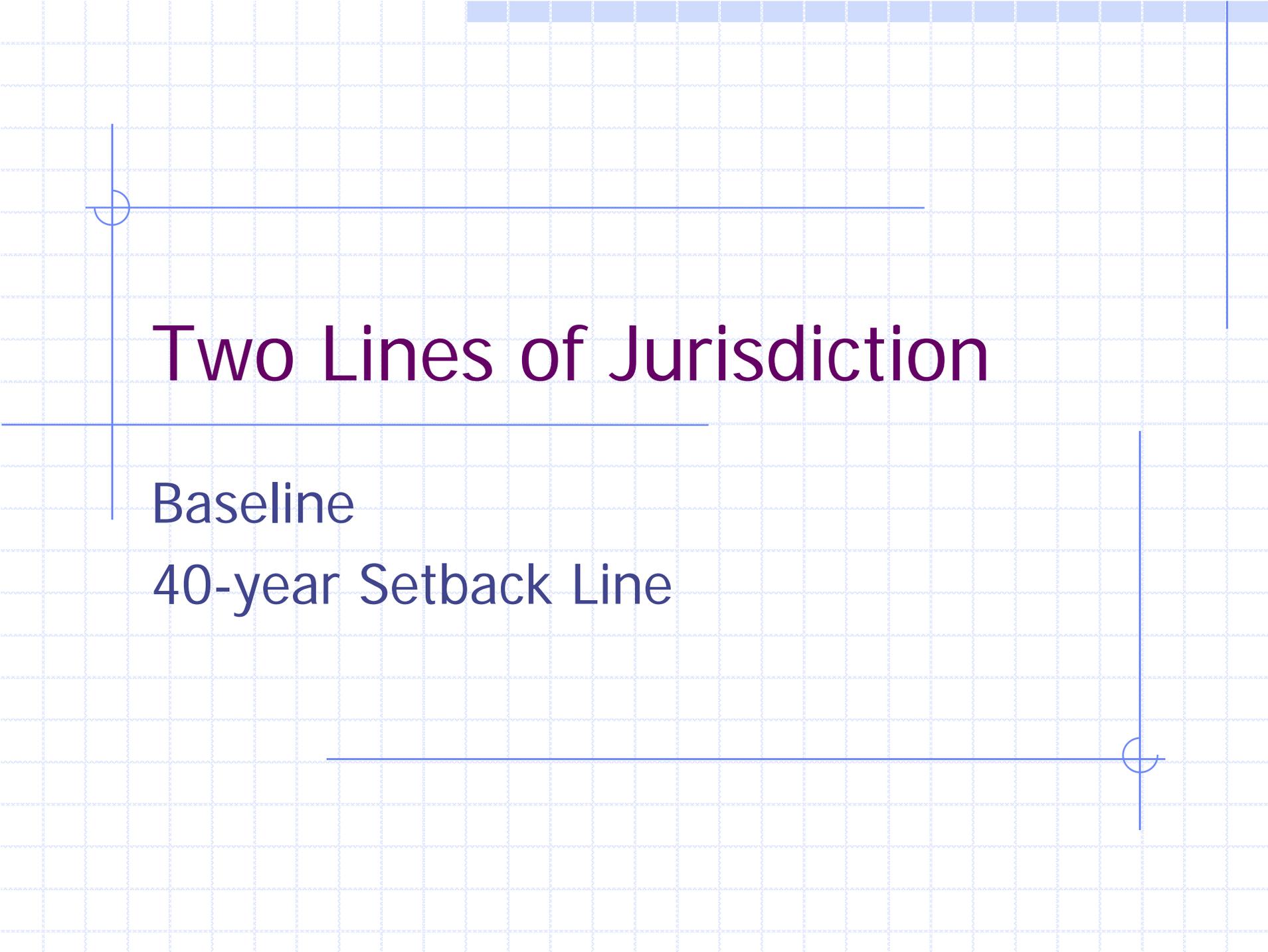


SCDHEC OCRM'S Beachfront Permitting Jurisdiction

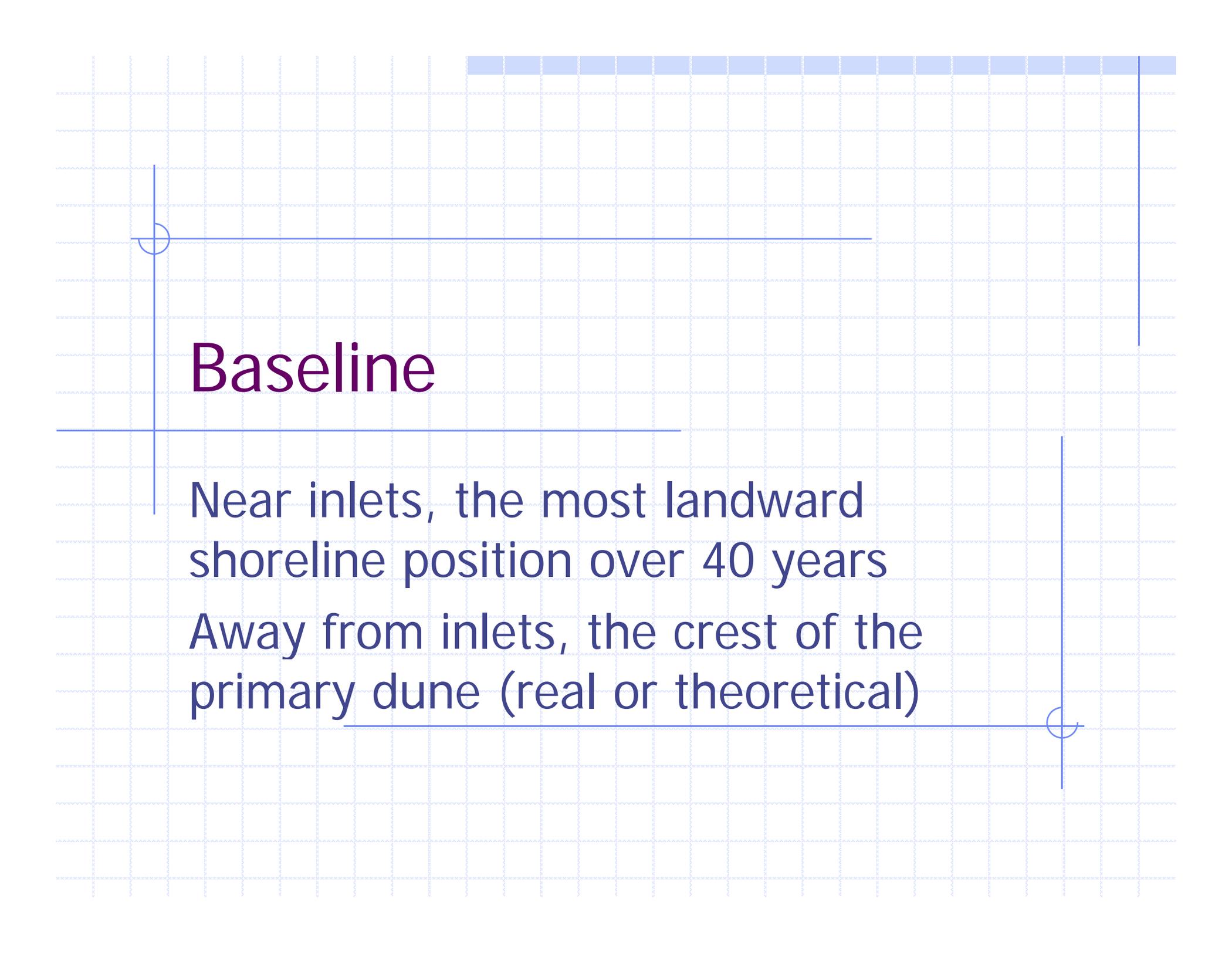
Bill Eiser, Staff Oceanographer
eiserwc@dhec.sc.gov



Two Lines of Jurisdiction

Baseline

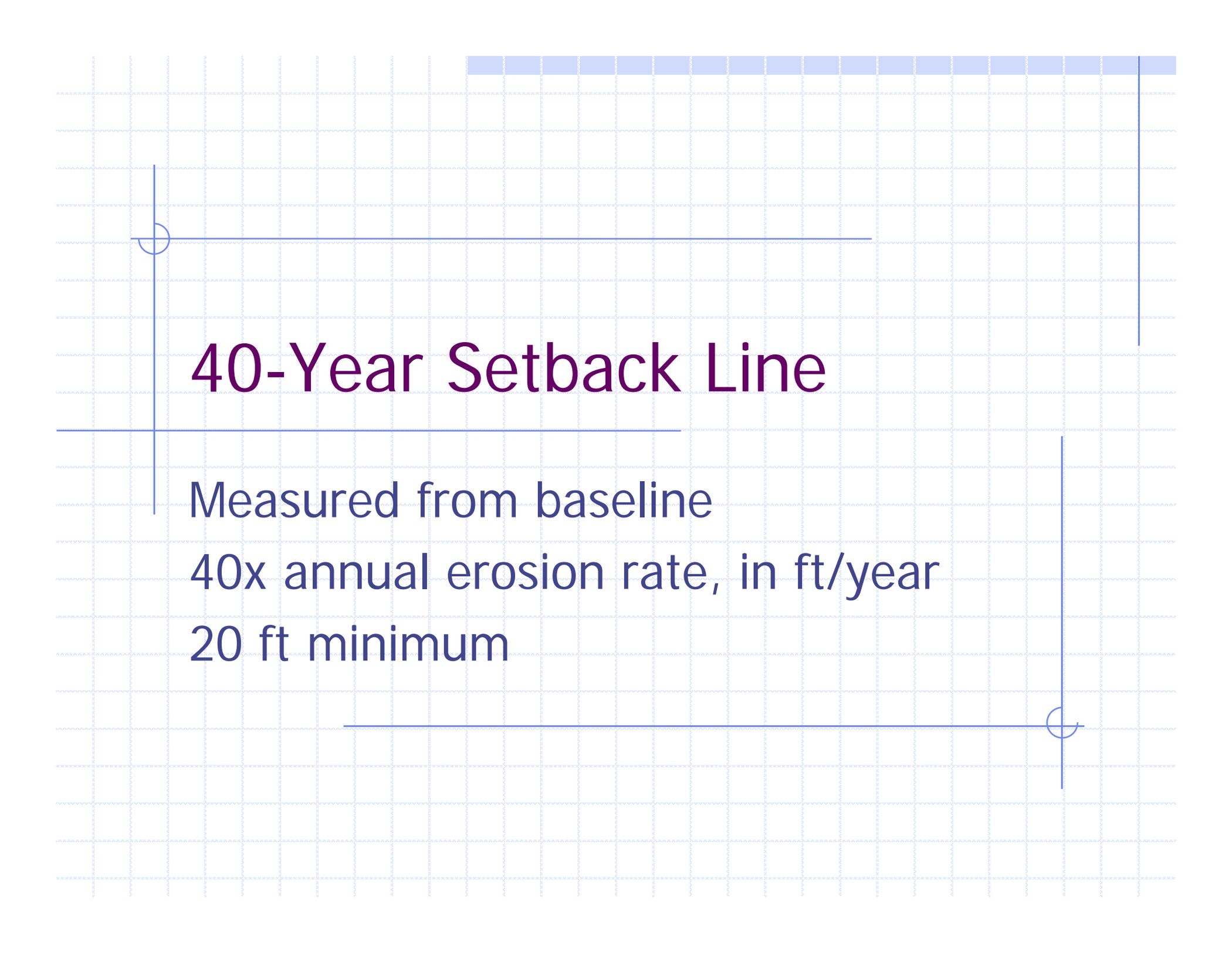
40-year Setback Line



Baseline

Near inlets, the most landward
shoreline position over 40 years

Away from inlets, the crest of the
primary dune (real or theoretical)



40-Year Setback Line

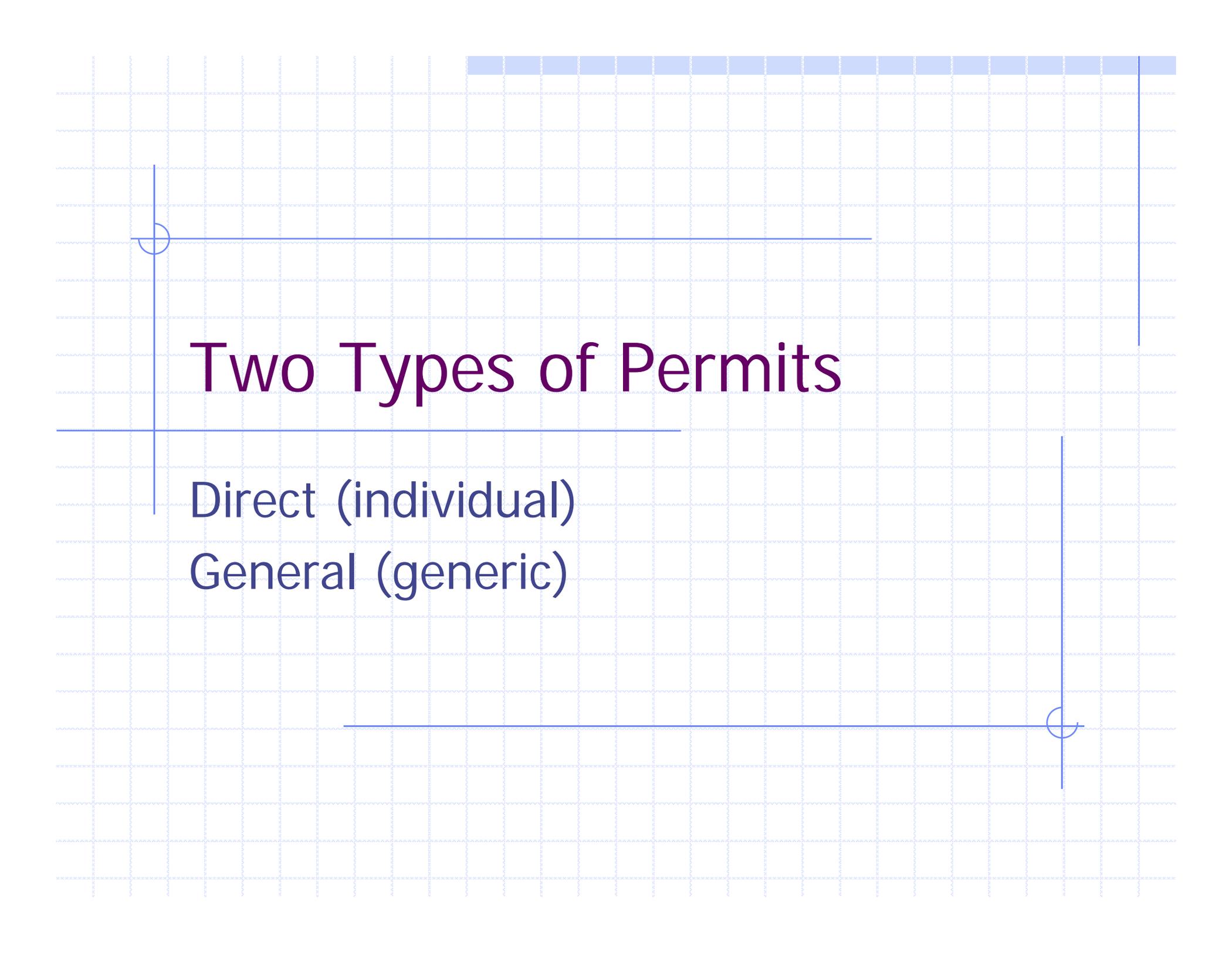
Measured from baseline

40x annual erosion rate, in ft/year

20 ft minimum

Any Area Seaward of the Setback Line:

- ◆ Is a jurisdictional “critical area”
- ◆ The baseline and setback line are shown on a series of 1" = 100' aerial photographs
- ◆ Any alteration of a critical area requires a permit



Two Types of Permits

Direct (individual)

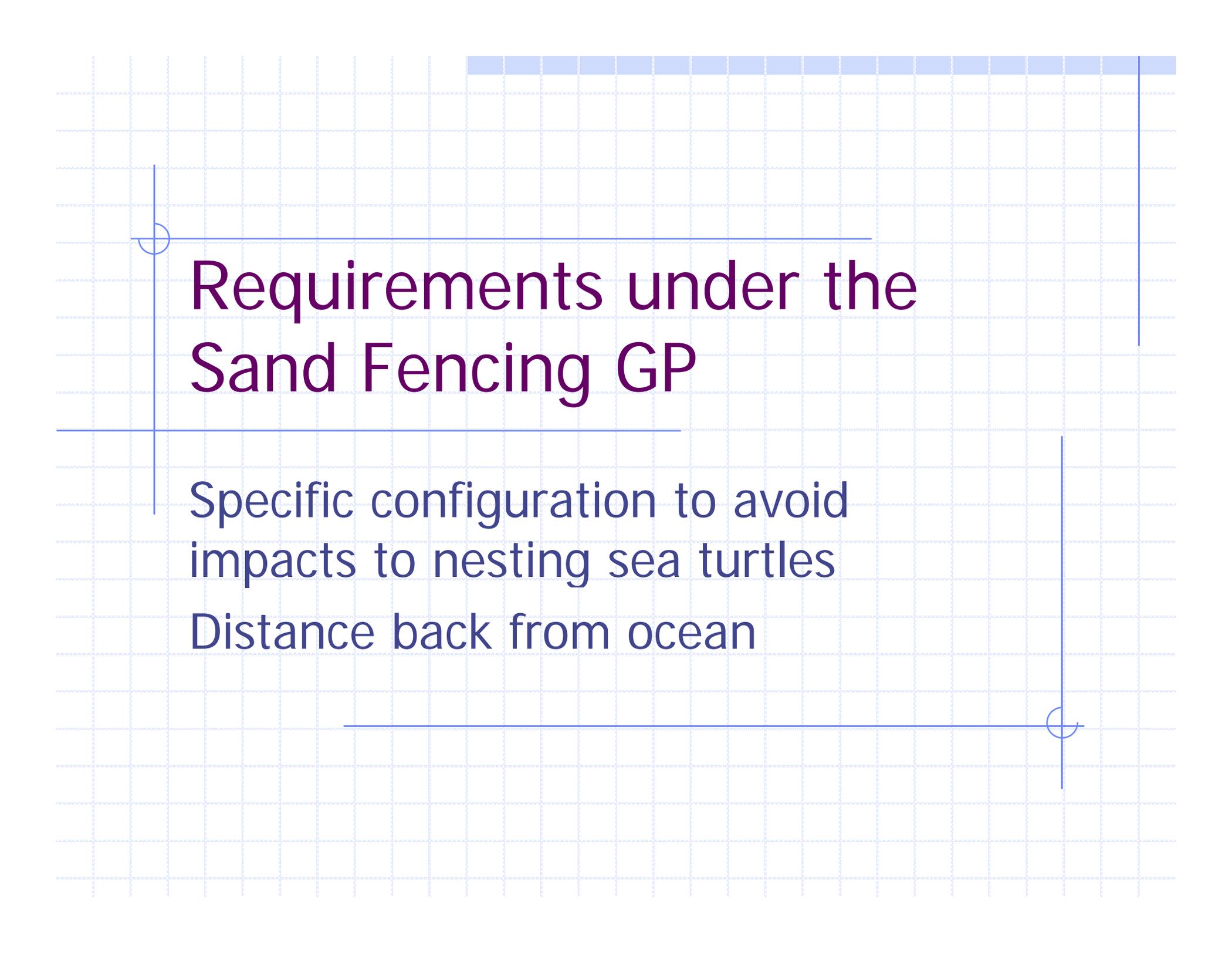
General (generic)

Beachfront General Permits

- ◆ Sand fencing, dune vegetation, minor beach renourishment
- ◆ Landscaping
- ◆ Sidewalks, driveways, parking lots
- ◆ Small (12' x 12' decks)
- ◆ Utility lines

GP Permitting Procedures

- ◆ Application form
- ◆ Newspaper filing notice
- ◆ Certified letters to adjoining property owners and local government
- ◆ 15-day public comment period
- ◆ Permit issued shortly after
- ◆ Permit is valid for one year



Requirements under the Sand Fencing GP

Specific configuration to avoid
impacts to nesting sea turtles

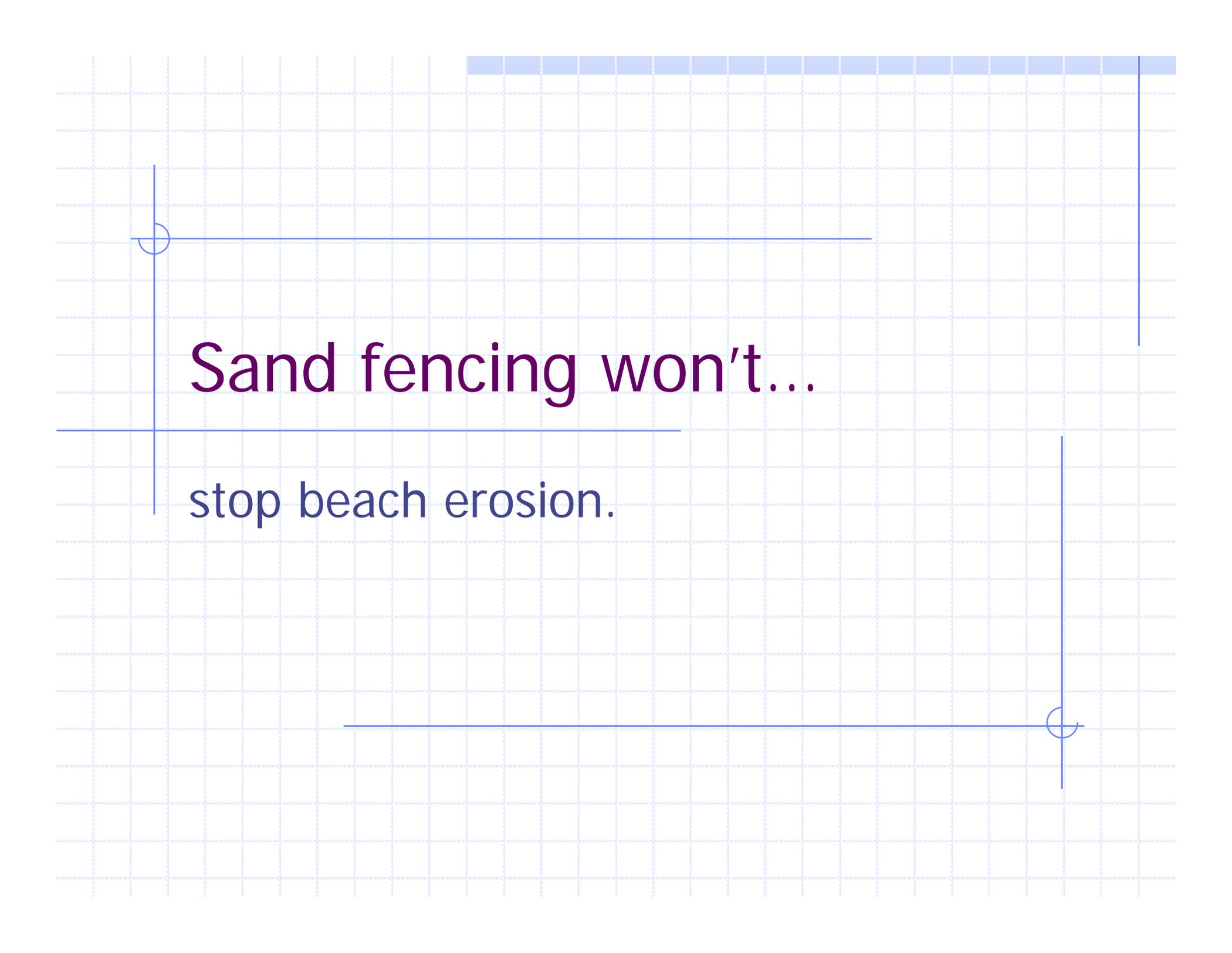
Distance back from ocean

Sand Fencing Benefits

- ◆ Traps dry, wind-blown sand above the normal high-tide wave uprush
- ◆ Helps to develop a new row of dunes
 - Dunes serve as a barrier to storm flooding
 - Sand stored in dunes becomes sacrificial during storm-related beach erosion

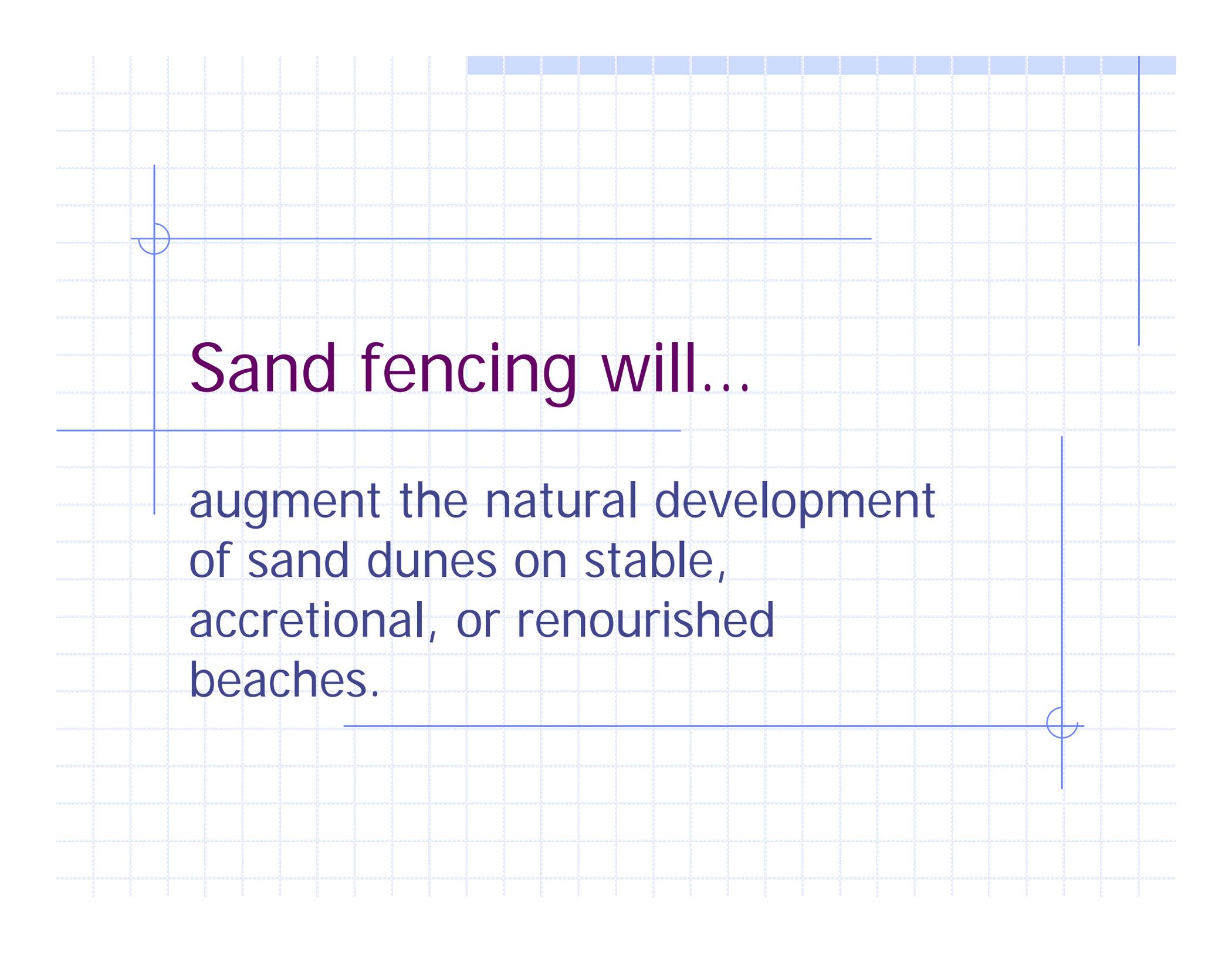
Sand Fencing Liabilities

- ◆ If improperly installed, can interfere with turtle nesting and public recreation
- ◆ Even if installed correctly, can eventually become a problem due to subsequent beach erosion
- ◆ Requires maintenance



Sand fencing won't...

stop beach erosion.



Sand fencing will...

augment the natural development of sand dunes on stable, accretional, or renourished beaches.