BEACH RIP CURRENT HAZARD
ASSESSMENT OF BEACH MORPHOLOGY

BEACH TYPE
BEACH RIP CURRENT HAZARD (LONG TERM)

SELECT BEACH TYPE
SELECT WAVE CLIMATE
BEACH TYPE RIP HAZARD

REFLECTIVE (STEEP)
LOW-TIDE TERRACE (STEEP/FLAT)
LOW-TIDE TERRACE & BAR/RIP (STEEP/FLAT + SANDBARS)
LOW-TIDE BAR/RIP (FLAT + SANDBARS)
MULTIPLE INTER-TIDAL BARRED (VERY FLAT + MULTIPLE SANDBARS)
DISSIPATIVE (VERY FLAT)

NOTE:
THESE ARE GENERALISED BEACH TYPES
FOR FULL LIST OF UK BEACH TYPES
www.ripcurrents.co.uk

SANDBARS
BEACH RIP CURRENT HAZARD (SEASONAL/MONTHLY)

SELECT SANDBAR TYPE
LONGSHORE BAR & TRough
CRESCENTIC BAR & TRough
ATTACHED CRESCENTIC BAR
TRANSVERSE BAR & RIP
WELDED & INTER-TIDAL BARS
MID/HIGH TIDE BARS

SANDBAR FACTOR

SAND = DRY BEACH AT LOW WATER
NO SURF = DEEP WATER/RIP CHANNELS
SURF = UNDERWATER SANDBAR

ASSESS SANDBAR TYPE

SANDBAR TYPE
FACTOR

BEACH RIP HAZARD

NO RIPS
LOW
HIGH
V. HIGH

BEACH RIP HAZARD
(WAVE FACTOR (SEPERATE CARD))

1
2
3
4
5

BEACH TYPE RIP HAZARD
(SANDBAR FACTOR (IF APPLICABLE))