Initial Mapping & Snapshot SHP

Convert to WGS84 (GCS)

| PostGIS |
w/ FIXxxx ssuRGO
1) Join initial w/ssuRGO based on proximity & 0.0001 deg (~10m)
2) remove islands
3) stitch (union) initial + ssuRGO ~ exterior ring

Convert to local UTM (PCS)

| GRASS |
1) enforce topology w/ snapping tol g 1.0m
2) get left/right symbols
3) organize segments by contiguous chunk
4) "flip" segments + re-order along chunks
5) export to SHP, in order

| NASIS |
1) Load DMU + mu + legend data for all adjacent surveys

| ArcMap |
1) load "join document"
2) add notes/comments
3) export FD + comments to SS when it is time to re-make Join Document

* This is done at final join doc creation, join doc creation

| R |
1) load join doc SHP
2) generate segment (join) data
3) fill-in NASIS/SDA data
3) SERVE FB new SSHP

SHP

FDs + Comments preserved in spreadsheet/text file

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