

LLQG NOV 2023 BOM Lighthouse

10 ½ inches unfinished

This is an intermediate block

Cut 1 – 5 ¼ “ square from your Light fabric – subcut twice diagonally. This makes your Largest triangles and they are used to complete the center block. Keep the sizes separate!

Next cut 8 each – 2 7/8 “ squares from both the Background fabric and the Light fabric. Subcut all diagonally once. This makes 16 each of the next biggest triangles. They are used primarily to make 2.5” Half Square Triangle Squares (HST).

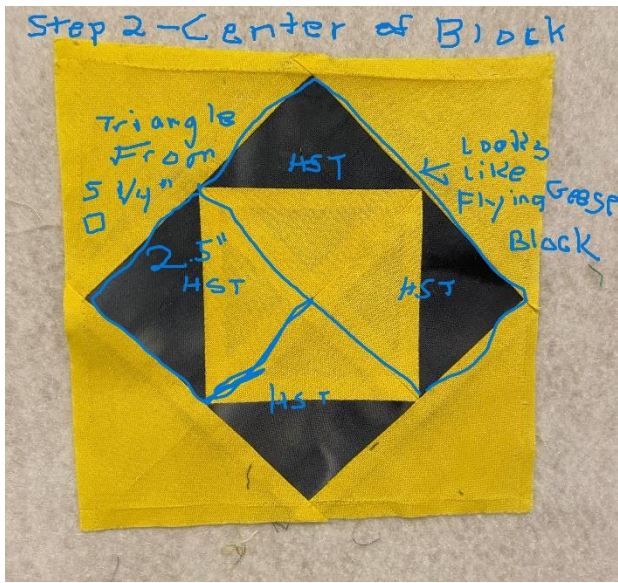
Cut 3 – 3 ¼” squares from background fabric only and subcut diagonally twice. This makes the third size triangles.

Lastly cut 2 – 1 7/8” squares from your Light fabric and 6 - 1 7/8” squares from your Background fabric. Subcut all diagonally once. This makes the Smallest triangles.

All seams are ¼ “. Note that this block finishes with the center block on point, and with all corners pointing to it!

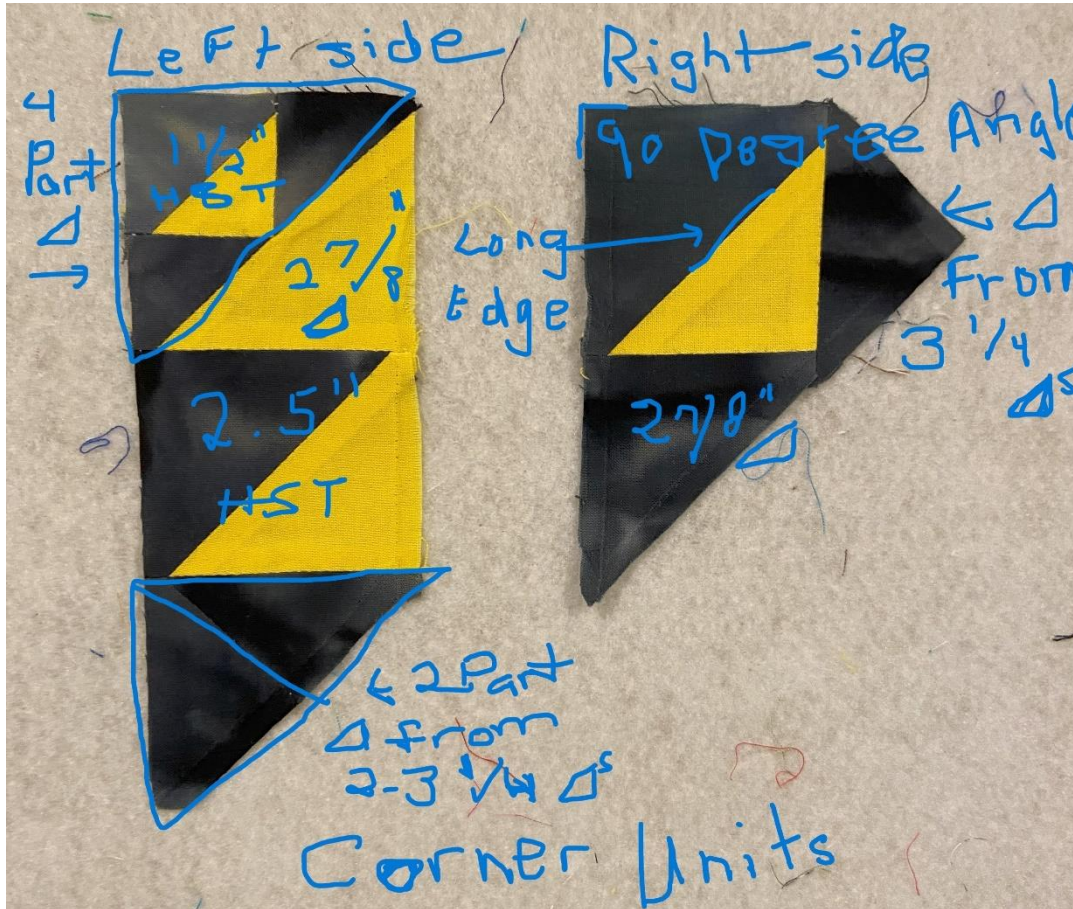
- 1) First we are going to take all the 2 7/8” triangles and work with those. Take 4 of each color and set them aside. Next take one of each color and place them right sides together, matching the edge at the 90 degree point, then the two other side points and sew down the long edge, If the long edge doesn't meet exactly that isn't as important as the 90 Degree back corner and the two sides meeting. Sew your ¼” seam down the long edge, gauging from whatever fabric sticks out most, if they don't meet. Press seams open and trim to a 2 ½” square. Set aside. You should have 12 - 2 ½” Half square triangle squares (HST), made from the 2 7/8” triangles.
- 2) Now take two of the HSTs you just created in step one and place them side by side, Light fabric touching, Background fabric pointing out in the exact opposite direction and sew your seam down the two Light fabrics, right sides together. Now it should look like a flying geese rectangle, with a bigger Light fabric triangle. Next take 2 more of the step one HSTs and sew them together, when done turn it around until the Light triangle in the center points down, place the block below the flying geese block you first created, both right sides up creating a Light colored fabric square in the center. Flip the top rectangle right side down onto the bottom rectangle and sew your seam along the top of the rectangles forming the Light fabric square. Press seams open and Trim to a 4 ½” square. The block now looks like a square in a square.
- 3) Lastly take the 4 largest Light fabric triangles cut from the 5 ¼” square and finger press a short seam in the middle of the long edge by matching the two points from the long edge together on each triangle. Place one of the Light fabric triangles right side down on one side of the 4 ½” block we just made matching the finger press seam to the center seam in the middle of the side of the block we just made, and that the point of the triangle hits the seam further down the square. Sew your ¼” seam across the block. Do the same with a 2nd of

the largest Light fabric triangles, place it on the opposite side of the square right side down. Press seams open. Trim dog ears. Then do the other two sides the same way. Press seams open and trim dog ears. Trim to a 6 1/2" square by lining up the 45 degree diagonal line on your ruler with the seam running thru the center square of the block. The center of the Lighthouse block is done! See picture to the left.



4) Now on to the Corner Units! Now take your 4 smallest Light Fabric triangles from the 1 7/8" squares and match them up right sides together with 4 of the smallest Background Fabric triangles also from the 1 7/8 Squares, again lining up on the 90 degree angles first, etc. Sew your seam on the long edges. Press seams open, trim dog ears and trim resulting HSTs to 1 1/5".

See Left side top small HST below, in the left side of the corner unit below.



5) Next take the 4 - 1.5" HSTs you just made in step 4 and place them in a row a couple of inches apart with the Light triangles facing to the right. Next get 4 of the 1 7/8" Background triangles and place them right side up, 90 degree angle to the top right edge of the 1 1/2" HSTs. Flip the Background triangle over right side down, onto the the 1 1/2" HSTs and sew your seam down the right side. Repeat on the remaining 3 1 1/2" HSTs. Press seams open and trim dog ears.

6) Now we are going to take the last 4 of the Background 1 7/8" triangles and attach them using the same techniques, only this time we will line up the 90 degree angle of the Background triangle up along the left side bottom edge of the 1 1/2" HST, right side up. Flip the triangle up, right side down up onto the HST and sew your seam along the bottom edge of the HST. Press seam open, check your alignment against the **4 part triangle** of the above top left picture, and if correct, trim dog ears. Lay them out right side up in a row with the 4 part triangles in the top left corner as in the picture above. Now take 4 of the 2 7/8" Light Fabric triangles that we set aside in step one and place them right side down on top of the 4 Part Triangles, lining up as usual on the 90

degree angle and side points. Sew your seams across the long edge. Press seam open, trim dog ears. Trim blocks to $2\frac{1}{2}$ ". You should have 4 HST blocks containing the 4 Part Triangles.

- 7) Next get 4 of the 2.5" HSTs made from the $2\frac{7}{8}$ " triangles in step one and sew them right sides together, one each to the bottom of the HSTs we created containing the 4 part triangles in step 6, making sure the Light Fabric triangles are facing in the same direction. This creates a rectangle that is $2\frac{1}{2}$ " X $4\frac{1}{2}$ ".
- 8) Now take two of the second smallest Background triangles made from the $3\frac{1}{4}$ " squares, place them right sides together, matching the 90 degree angle, and side points. Then sew seam together down one side from the 90 degree angle. Press seam open and trim dog ears. Now you've created a larger triangle with 2 parts. Press seams open and trim the dog ears. Then place the new 2 part Background triangle right side up below the HST we just sewed onto the bottom of the HST with the 4 part triangle, matching the right half of the two part triangles 90 degree angle to left edge of the $2\frac{1}{2}$ " HST's bottom edge. The right side point of the 2 part triangle should be at the right bottom edge of the same HST. Flip this 2 part triangle up onto the bottom of the rectangle and sew your $\frac{1}{4}$ " seam along the bottom, press open, trim dog ears down the side of the rectangle. Make three more of these left sides of the corner units, then set aside for now, while we make the right half of our corner unit.
- 9) Take the last 4 of the $2\frac{1}{2}$ " HSTs made in step 1, placed them right side up, in a row in front of you with the Light triangle on the bottom. Get the last 4 Background colored triangles made from the $2\frac{7}{8}$ " squares and place them right side up below the HSTs with the 90 degree angle to the left, so that the Background triangles are facing in the same direction. This will make a longer edge on the left than the right of the unit, that's what we want. Flip that triangle up and sew the edge to the bottom of the HST, press seam open and trim dog ears down the sides of the unit. Now take 1 of the small background triangles and place it long edge on the right side of the $2\frac{1}{2}$ " HST right side up. Flip the triangle over right side down onto the HST and seam the right edge. Press open and trim dog ears. You have finished the right side of a corner unit. Make 4.
- 10) Next take one of your left side units, right side up, with the 4 part triangle square on top left, then take one of the right side units and place it right side up with the half square triangle square on top, to the right of the left unit. All of the large Light colored triangles should be facing in the same direction! Flip the right side unit, right side down, on top of the left side unit. Sew your $\frac{1}{4}$ " seam, lining up points, square triangle down the right side so that you will have the 4 part triangle square on the top left and the HST square from the right side on the top right. Press seams open and trim dog ears. Attach the remaining left and right units together. This will complete your 4 corner units.
- 11) Lastly retrieve your Center piece, place it right side up as a square. Now get one of the completed Corner units from step 8, fold the middle of the large Background triangle, in the middle of the bottom, in half, finger press at edge, then place it right side down, onto one side of the center block facing right side up, Lining the finger pressed middle of the middle Background triangle on the bottom edge of the corner unit up with the point in the middle of the Center Block, then line up the right edge of the corner unit with the right edge of the center unit right side. Pin matching points with ultra thin pins. Sew your $\frac{1}{4}$ " seam from the right edge down to just past the center point and stop there, back stitch and cut your thread. Note the left edge of the corner unit hangs below the edge of the center unit, that's how it should be. Press your seams open. Now we work around the center unit. Turn the corner you just placed on the unit over to the left once, so the right edge of the center unit is now straight up. Take another corner unit, finger press the center of the bottom Background triangle and place it right side down, on the center unit, lining up same as before, but this time pin the length of the seam, it should all fit this time. Sew your $\frac{1}{4}$ " seam matching points, press open. Turn the unit to the left again and do the same thing. When you get to the last corner unit after you

pin it, you will fold back the 1st corner unit so that it's not in the way before you sew the last corner on. Press the seam open. Then you can turn the first corner unit back over and finish sewing the seam from the middle, by inserting your needle just before we backstitched, stitch backwards about three stitch and then continue forwards to the left end to complete your seam. Press open again. Trim all dog ears. The finished block should be 10 ½"s.