Cosmic Cal

Part 6

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US terms used throughout Abbreviations

St, sts	Stitch, stitches	Sc	Single crochet	Bl	Back Loop
R	Round	Hdc	Half double crochet	Fl	Front Loop
Ch	Chain	Dc	Double crochet	Вр	Back Post
Sl-st	Slip stitch	Tr	Treble crochet	Fp	Front Post
Yo	Yarn over	Dtr	Double treble crochet		

[] Hints: Are typed in italics and coloured purple, they are to help and guide you and hopefully make life a little easier, especially for beginners.

Reference to photos is [P] with the relevant photo number

- * * Repeat instructions between asterisks the amount of times specified. This is normally a repeat for a complete side and will consist of multiple instructions.
- () or () Repeat instructions between parentheses the amount of times specified. This is a lower level repeat.

Special Stitches

Picot-tr: Make tr as normal, ch 3, insert hook through front loop and side loop of st, 3 loops on hook, yo and pull through all 3 loops to slip stitch together.

Dc4tog: Yo, place hook in stitch to be worked yo and pull up a loop, 3 loops on hook, yo and pull through 2 loops, repeat in next 3 sts. Yo and pull through all 5 loops.

Tr2tog: Yo twice, place hook in stitch to be worked and pull up a loop, 4 loops on hook, yo and pull through 2 loops twice, 2 loops on hook. Repeat in next st, 3 loops on hook. Yo and pull through all 3 loops.

67. Join with a standing dc in last st of any long side, [P1]

*Short side: in ch-2 corner space (dc, ch 2, dc), dc in next 8 sts, skip next 2 sts,

(dc in next ch-1 space, bldc in next st) 19 times,

((dc in next ch-1 space, skip next st) 3 times, (dc in next ch-1 space, bldc in next st) 16 times) twice,

(dc in next ch-1 space, skip next st) 3 times,

(dc in next ch-1 space, bldc in next st) 18 times,

2 dc in next ch-1 space, skip next 2 sts, dc in next 8 sts, [P2]

long side: in ch-2 corner space (dc, ch 2, dc), dc in next 6 sts, skip next 2 sts,

(dc in next ch-1 space, <u>bldc</u> in next st) 19 times,

((1 dc in next ch-1 space, skip next st) twice, (dc in next ch-1 space, <u>bldc</u> next st) 16 times) 3 times, (1 dc in next ch-1 space, skip next st) twice

(dc in next ch-1 space, <u>bldc</u> in next st) 18 times, 2 dc in next ch-1 space, skip next 2 sts, dc in next 6 sts. *[P3,4]

Repeat from * to * twice, omit last dc.

Join to standing dc with a sl-st.

Stitch count: Short side: 98 dc, 69 bldc, 1 ch-2 corner space.

Long side: 107 dc, 85 bldc, 1 ch-2 corner space.



68. Ch 3 [*counts as dc*], dc in next st, [P1]

*Short side: in ch-2 corner space (dc, ch 2, dc), dc in next 7 sts,

dc4tog over next 4 sts [P2,3], hdc in next 6 sts, sc in next 24 sts,

(hdc in next 6 sts, dc in next 3 sts, hdc in next 6 sts, sc in next 20 sts) twice,

hdc in next 6 sts, dc in next 3 sts, hdc in next 6 sts, sc in next 24 sts, hdc in next 6 sts, dc4tog over next 4 sts, dc in next 7 sts, [P4]

Long side: in ch-2 corner space (dc, ch 2, dc), dc in next 5 sts, dc4tog over next 4 sts, hdc in next 6 sts, sc in next 24 sts,

(hdc in next 6 sts, dc in next 2 sts, hdc in next 6 sts, sc in next 20 sts) 3 times,

hdc in next 6 sts, dc in next 2 sts, hdc in next 6 sts, sc in next 24 sts, hdc in next 6 sts, dc4tog over next 4 sts, dc in next 5 sts. *[P5]

Repeat from * to * twice, omit last 2 dc. Join to top of ch-3, fasten off, and secure ends. Stitch count: Short side: 88 sc, 48 hdc, 25 dc, 2 dc4tog, 1 ch-2 corner space. Long side: 108 sc, 60 hdc, 20 dc, 2 dc4tog, 1 ch-2 corner space.



69. Join with a standing dc in last st of any long side, [P1]

*Short side: in ch-2 corner space (2 dc, ch 2, 2 dc), dc in next 12 sts, hdc in next st, tr in picot R65, [P2]

(hdc in next 8 sts, (tr in picot R65, sc in next 8 sts) twice, tr in next picot R65, hdc in next 8 sts, tr2tog with 1 leg in each of next 2 picots R65[P3], skip next 3 sts [dc's]) 3 times, hdc in next 8 sts, (tr in picot R65, sc in next 8 sts) twice, tr in next picot R65, hdc in next 8 sts, tr in picot R65, hdc in next st, dc in next 12 sts, [P4]

Long side: in ch-2 corner space (2 dc, ch 2, 2 dc), dc in next 10 sts, hdc in next st, tr in picot R65,

(hdc in next 8 sts, (tr in picot R65, sc in next 8 sts) twice, tr in next picot R65, hdc in next 8 sts, tr2tog with 1 leg in each of next 2 picots R65, skip next 2 sts [dc's]) 4 times, hdc in next 8 sts, (tr in picot R65, sc in next 8 sts) twice, tr in next picot R65, hdc in next 8 sts, tr in picot R65, hdc in next st, dc in next 10 sts. *[P5,6]

Repeat from * to * twice, omit last dc.

Join to standing dc in back loop only with a sl-st.

Stitch count:

Short side: 64 sc, 66 hdc, 28 dc, 14 tr, 3 tr2tog, 1 ch-2 corner space.

Long side: 80 sc, 82 hdc, 24 dc, 17 tr, 4 tr2tog, 1 ch-2 corner space.



70. Ch 3 [*counts as <u>bldc</u>*], <u>bldc</u> in next 2 sts, [P1]

*Short side: in ch-2 corner space (2 dc, ch 2, 2 dc), <u>bldc</u> in next 15 sts, skip next st [*tr*], hdc in next 9 sts,

(sc in next 17 sts, hdc in next 6 sts, skip next 3 sts, ch 1, in next st (picot-tr, ch 1) twice [P2], skip next 3 sts, hdc in next 6 sts) 3 times,

sc in next 17 sts, hdc in next 9 sts, skip next st [*tr*], <u>bldc</u> in next 15 sts, [P3]

Long side: in ch-2 corner space (2 dc, ch 2, 2 dc), <u>bldc</u> in next 13 sts, skip next st [*tr*], hdc in next 9 sts,

(sc in next 17 sts, hdc in next 6 sts, skip next 3 sts, ch 1, in next st (picot-tr, ch 1) twice, skip next 3 sts, hdc in next 6 sts) 4 times,

sc in next 17 sts, hdc in next 9 sts, skip next st [*tr*], <u>bldc</u> in next 13 sts. *[P4,5]

Repeat from * to * twice, omit last 3 bldc.

Join to top of ch-3, fasten off, and secure ends.

Stitch count:

Short side: 68 sc, 54 hdc, 4 dc, 30 bldc, 6 picot-tr, 9 ch-1 spaces, 1 ch-2 corner space. Long side: 85 sc, 66 hdc, 4 dc, 26 bldc, 8 picot-tr, 12 ch-1 spaces, 1 ch-2 corner space.





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71. Join with a standing dc in last st of any long side, [P1]

*Short side: in ch-2 corner space (2 dc, ch 2, 2 dc), dc in next 17 sts, hdc in next 9 sts, (sc in next 17 sts, hdc in next 6 sts, (dc in next ch-1 space, skip next st) twice[P2], dc in next ch-1 space, hdc in next 6 sts) 3 times, [*don't miss the 1st hdc after ch-1 space*] sc in next 17 sts, hdc in next 9 sts, dc in next 17 sts, [P3]

Long side: in ch-2 corner space (2 dc, ch 2, 2 dc), dc in next 15 sts, hdc in next 9 sts, (sc in next 17 sts, hdc in next 6 sts, (dc in next ch-1 space, skip next st) twice, dc in next ch-1 space, hdc in next 6 sts) 4 times, [*don't miss the 1st hdc after ch-1 space*] sc in next 17 sts, hdc in next 9 sts, dc in next 15 sts. *[P4,5]

Repeat from * to * twice, omit last dc. Join to standing dc, fasten off, and secure ends. Stitch count: Short side: 68 sc, 54 hdc, 47 dc, 1 ch-2 corner space. Long side: 85 sc, 66 hdc, 46 dc, 1 ch-2 corner space.



72. Join with a standing **bpdc** around last st of any long side, [P1] *Short side: in ch-2 corner space (hdc, ch 2, hdc), (**bpdc** around next st, **fpdc** around next st) 9 times, **bpdc** around next st, (**fphdc** around next st, **bphdc** around next st) 4 times, **fphdc** around next st, [P2]

(sc in next 17 sts, (**fphdc** around next st, **bphdc** around next st) twice, (**fpdc** around next st, **bpdc** around next st) 3 times, **fpdc** around next st, (**bphdc** around next st, **fphdc** around next st) twice) 3 times, [P3]

sc in next 17 sts, (**fphdc** around next st, **bphdc** around next st) 4 times, **fphdc** around next st, (**bpdc** around next st, **fpdc** around next st) 9 times, **bpdc** around next st, [P4]

Long side: in ch-2 corner space (hdc, ch 2, hdc), (bpdc around next st, fpdc around next st) 8 times, bpdc around next st, (fphdc around next st, bphdc around next st) 4 times, fphdc around next st,

(sc in next 17 sts, (**fphdc** around next st, **bphdc** around next st) twice, (**fpdc** around next st, **bpdc** around next st) 3 times, **fpdc** around next st, (**bphdc** around next st, **fphdc** around next st) twice) 4 times, sc in next 17 sts,

(**fphdc** around next st, **bphdc** around next st) 4 times, **fphdc** around next st, (**bpdc** around next st, **fpdc** around next st) 8 times, **bpdc** around next st. *[P5,6]

Repeat from * to * twice, omit last bpdc.

Join to standing bpdc, fasten off, and secure ends.

Stitch count:

Short side: 68 sc, 2 hdc, 20 bphdc, 22 fphdc, 29 bpdc, 30 fpdc, 1 ch-2 corner space. Long side: 85 sc, 2 hdc, 24 bphdc, 26 fphdc, 30 bpdc, 32 fpdc, 1 ch-2 corner space.



Hint: over next few rounds front post sts are made around back post sts and vice versa.

73. Join with a standing bpdc around last st of any long side, [P1]
*Short side: in ch-2 corner space (hdc, ch 2, hdc),
(bpdc around next st, fpdc around next st) 10 times,
(bphdc around next st, fphdc around next st) 5 times,
(sc in next 15 sts, (fphdc around next st, bphdc around next st) twice,
(fpdc around next st, bpdc around next st) 4 times, fpdc around next st,
(bphdc around next st, fphdc around next st) 5 times,
(sc in next 15 sts, (fphdc around next st) 4 times, fpdc around next st,
(bphdc around next st, fphdc around next st) twice) 3 times,
sc in next 15 sts, (fphdc around next st, bphdc around next st) 5 times,
(fpdc around next st, bpdc around next st, 10 times, [P2,3]

Long side: in ch-2 corner space (hdc, ch 2, hdc), (bpdc around next st, fpdc around next st) 9 times, (bphdc around next st, fphdc around next st) 5 times, (sc in next 15 sts, (fphdc around next st, bphdc around next st) twice, (fpdc around next st, bpdc around next st) 4 times, fpdc around next st, (bphdc around next st, fphdc around next st) twice) 4 times, sc in next 15 sts, (fphdc around next st, bphdc around next st) 5 times, (fpdc around next st, bpdc around next st, bphdc around next st) 5 times,

Repeat from * to * twice, omit last bpdc.

Join to standing bpdc, fasten off, and secure ends.

Stitch count:

Short side: 60 sc, 2 hdc, 22 bphdc, 22 fphdc, 32 bpdc, 35 fpdc, 1 ch-2 corner space. Long side: 75 sc, 2 hdc, 26 bphdc, 26 fphdc, 34 bpdc, 38 fpdc, 1 ch-2 corner space.



74. Join with a standing **bpdc** around last st of any long side, [P1] *Short side: in ch-2 corner space (hdc, ch 2, hdc), (**bpdc** around next st, **fpdc** around next st) 14 times, (**bphdc** around next st, **fphdc** around next st) twice, (sc in next 13 sts, (**fphdc** around next st, **bphdc** around next st) twice, (**fpdc** around next st, **bpdc** around next st) 5 times, **fpdc** around next st, (**bphdc** around next st, **fphdc** around next st) twice) 3 times, sc in next 13 sts, (**fphdc** around next st, **bphdc** around next st) twice, (**fpdc** around next st, **bpdc** around next st, **bphdc** around next st) twice, (**fpdc** around next st, **bpdc** around next st, **1**4 times, [P2]

Long side: in ch-2 corner space (hdc, ch 2, hdc), (bpdc around next st, fpdc around next st) 13 times, (bphdc around next st, fphdc around next st) twice, (sc in next 13 sts, (fphdc around next st, bphdc around next st) twice, (fpdc around next st, bpdc around next st) 5 times, fpdc around next st, (bphdc around next st, fphdc around next st) twice) 4 times, sc in next 13 sts, (fphdc around next st, bphdc around next st) twice, (fpdc around next st, bpdc around next st, bphdc around next st) twice, sc in next 13 sts, (fphdc around next st, bphdc around next st) twice, (fpdc around next st, bpdc around next st) 13 times. *[P3,4]

Repeat from * to * twice, omit last bpdc.

Join to standing bpdc with a sl-st.

Stitch count:

Short side: 52 sc, 2 hdc, 16 bphdc, 16 fphdc, 43 bpdc, 46 fpdc, 1 ch-2 corner space. Long side: 65 sc, 2 hdc, 20 bphdc, 20 fphdc, 46 bpdc, 50 fpdc, 1 ch-2 corner space.



75. Ch 1 and sc in same st, sc in next st, [P1] *Short side: in ch-2 corner space (sc, ch 2, sc), sc in next 175 sts, [P2]

Long side: in ch-2 corner space (sc, ch 2, sc), sc in next 203 sts. *[P3,4]

Repeat from * to * twice, omit last 2 sc. Join to 1st sc, fasten off, and secure ends. Stitch count: Short side: 177 sc, 1 ch-2 corner space. Long side: 205 sc, 1 ch-2 corner space.



End part 6

Approx. size: Double Knitting 4mm G hook: Short side: 41 ½ inches/105cm Long side: 49 inches/124.5 cm

Aran 5.5mm hook: Short side: 53 inches/134 cm Long side: 60 inches/152 cm