The group G is isomorphic to the group labelled by $[44, 3]$ in the Small Groups library.

Ordinary character table of $G \cong D44$:

	1a	2a	2b	11a	2c	22a	11b	22b	11c	22c	11d	22d	11e	22e
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	−1	−1	1	1	−1	1	−1	1	−1	1	−1	1	−1
χ_3	1	−1	1	1	−1	1	1	1	1	1	1	1	1	1
χ_4	1	1	−1	1	−1	−1	1	−1	1	−1	1	−1	1	−1
χ_5	2	0	2	$E(11)^4+E(11)^7$	0	$E(11)^4+E(11)^7$	$E(11)^3+E(11)^8$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	$E(11)+E(11)^{10}$	$E(11)^5+E(11)^6$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	$E(11)^2+E(11)^9$
χ_6	2	0	2	$E(11)^5+E(11)^6$	0	$E(11)^5+E(11)^6$	$E(11)+E(11)^{10}$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	$E(11)^4+E(11)^7$	$E(11)^2+E(11)^9$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	$E(11)^3+E(11)^8$
χ_7	2	0	2	$E(11)^2+E(11)^9$	0	$E(11)^2+E(11)^9$	$E(11)^4+E(11)^7$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	$E(11)^5+E(11)^6$	$E(11)^3+E(11)^8$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	$E(11)+E(11)^{10}$
χ_8	2	0	2	$E(11)^3+E(11)^8$	0	$E(11)^3+E(11)^8$	$E(11)^5+E(11)^6$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	$E(11)^2+E(11)^9$	$E(11)+E(11)^{10}$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	$E(11)^4+E(11)^7$
χ_9	2	0	2	$E(11)+E(11)^{10}$	0	$E(11)+E(11)^{10}$	$E(11)^2+E(11)^9$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	$E(11)^3+E(11)^8$	$E(11)^4+E(11)^7$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	$E(11)^5+E(11)^6$
χ_{10}	2	0	−2	$E(11)^4+E(11)^7$	0	$-E(11)^4-E(11)^7$	$E(11)^3+E(11)^8$	$-E(11)^3-E(11)^8$	$E(11)+E(11)^{10}$	$-E(11)-E(11)^{10}$	$E(11)^5+E(11)^6$	$-E(11)^5-E(11)^6$	$E(11)^2+E(11)^9$	$-E(11)^2-E(11)^9$
χ_{11}	2	0	−2	$E(11)^5+E(11)^6$	0	$-E(11)^5-E(11)^6$	$E(11)+E(11)^{10}$	$-E(11)-E(11)^{10}$	$E(11)^4+E(11)^7$	$-E(11)^4-E(11)^7$	$E(11)^2+E(11)^9$	$-E(11)^2-E(11)^9$	$E(11)^3+E(11)^8$	$-E(11)^3-E(11)^8$
χ_{12}	2	0	−2	$E(11)^2+E(11)^9$	0	$-E(11)^2-E(11)^9$	$E(11)^4+E(11)^7$	$-E(11)^4-E(11)^7$	$E(11)^5+E(11)^6$	$-E(11)^5-E(11)^6$	$E(11)^3+E(11)^8$	$-E(11)^3-E(11)^8$	$E(11)+E(11)^{10}$	$-E(11)-E(11)^{10}$
χ_{13}	2	0	−2	$E(11)^3+E(11)^8$	0	$-E(11)^3-E(11)^8$	$E(11)^5+E(11)^6$	$-E(11)^5-E(11)^6$	$E(11)^2+E(11)^9$	$-E(11)^2-E(11)^9$	$E(11)+E(11)^{10}$	$-E(11)-E(11)^{10}$	$E(11)^4+E(11)^7$	$-E(11)^4-E(11)^7$
χ_{14}	2	0	−2	$E(11)+E(11)^{10}$	0	$-E(11)-E(11)^{10}$	$E(11)^2+E(11)^9$	$-E(11)^2-E(11)^9$	$E(11)^3+E(11)^8$	$-E(11)^3-E(11)^8$	$E(11)^4+E(11)^7$	$-E(11)^4-E(11)^7$	$E(11)^5+E(11)^6$	$-E(11)^5-E(11)^6$

Trivial source character table of $G \cong D44$ at $p = 2$:

Normalisers N_i	N_1						N_2						N_3	N_4	N_5
p-subgroups of G up to conjugacy in G	P_1						P_2						P_3	P_4	P_5
Representatives $n_j \in N_i$	1a	11a	11b	11c	11d	11e	1a	11d	11c	11a	11e	11b	1a	1a	1a
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	4	$2*E(11)^5+2*E(11)^6$	$2*E(11)+2*E(11)^{10}$	$2*E(11)^4+2*E(11)^7$	$2*E(11)^2+2*E(11)^9$	$2*E(11)^3+2*E(11)^8$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	4	$2*E(11)^3+2*E(11)^8$	$2*E(11)^5+2*E(11)^6$	$2*E(11)^2+2*E(11)^9$	$2*E(11)+2*E(11)^{10}$	$2*E(11)^4+2*E(11)^7$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	4	$2*E(11)^4+2*E(11)^7$	$2*E(11)^3+2*E(11)^8$	$2*E(11)+2*E(11)^{10}$	$2*E(11)^5+2*E(11)^6$	$2*E(11)^2+2*E(11)^9$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}$	4	$2*E(11)^2+2*E(11)^9$	$2*E(11)^4+2*E(11)^7$	$2*E(11)^5+2*E(11)^6$	$2*E(11)^3+2*E(11)^8$	$2*E(11)+2*E(11)^{10}$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}$	4	$2*E(11)+2*E(11)^{10}$	$2*E(11)^2+2*E(11)^9$	$2*E(11)^3+2*E(11)^8$	$2*E(11)^4+2*E(11)^7$	$2*E(11)^5+2*E(11)^6$	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$E(11)^5+E(11)^6$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	2	$E(11)^2+E(11)^9$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$E(11)^3+E(11)^8$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	2	$E(11)+E(11)^{10}$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$E(11)^4+E(11)^7$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	2	$E(11)^5+E(11)^6$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$E(11)^2+E(11)^9$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	2	$E(11)^3+E(11)^8$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	$E(11)+E(11)^{10}$	$E(11)^4+E(11)^7$	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$E(11)+E(11)^{10}$	$E(11)^2+E(11)^9$	$E(11)^3+E(11)^8$	$E(11)^4+E(11)^7$	$E(11)^5+E(11)^6$	2	$E(11)^4+E(11)^7$	$E(11)^3+E(11)^8$	$E(11)+E(11)^{10}$	$E(11)^5+E(11)^6$	$E(11)^2+E(11)^9$	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	2	2	2	2	2	0	0	0	0	0	0	2	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	2	2	2	2	2	0	0	0	0	0	0	0	2	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$

$P_2 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44)]) \cong C2$

$P_3 = Group([(1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27)]) \cong C2$

$P_4 = Group([(1,5)(2,3)(4,44)(6,43)(7,42)(8,41)(9,40)(10,39)(11,38)(12,37)(13,36)(14,35)(15,34)(16,33)(17,32)(18,31)(19,30)(20,29)(21,28)(22,27)(23,26)(24,25)]) \cong C2$

$P_5 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44), (1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27)]) \cong C2 \times C2$

$N_1 = Group([(1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44), (1,4,8,12,16,20,24,28,32,36,40)(2,6,10,14,18,22,26,30,34,38,42)(3,7,11,15,19,23,27,31,35,39,43)(5,9,13,17,21,25,29,33,37,41,44)]) \cong D44$

$N_2 = Group([(1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44), (1,4,8,12,16,20,24,28,32,36,40)(2,6,10,14,18,22,26,30,34,38,42)(3,7,11,15,19,23,27,31,35,39,43)(5,9,13,17,21,25,29,33,37,41,44)]) \cong D44$

$N_3 = Group([(1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44)]) \cong C2 \times C2$

$N_4 = Group([(1,5)(2,3)(4,44)(6,43)(7,42)(8,41)(9,40)(10,39)(11,38)(12,37)(13,36)(14,35)(15,34)(16,33)(17,32)(18,31)(19,30)(20,29)(21,28)(22,27)(23,26)(24,25), (1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44)]) \cong C2 \times C2$

$N_5 = Group([(1,2)(3,5)(4,42)(6,40)(7,44)(8,38)(9,43)(10,36)(11,41)(12,34)(13,39)(14,32)(15,37)(16,30)(17,35)(18,28)(19,33)(20,26)(21,31)(22,24)(23,29)(25,27), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,44)]) \cong C2 \times C2$