The group G is isomorphic to the group labelled by [52, 1] in the Small Groups library.
Ordinary character table of $G \cong$ C13 : C4:

	1a	4a	2a	4b	13a	26a	26b	13b	13c	26c	26d	13d	26e	13e	13f	26f
χ_1	1	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	1	1
χ_3	1	$-E(4)$	−1	$E(4)$	1	−1	−1	1	1	−1	−1	1	−1	1	−1	
χ_4	1	$E(4)$	−1	$-E(4)$	1	−1	−1	1	1	−1	−1	1	−1	1	−1	
χ_5	2	0	2	0	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$
χ_6	2	0	2	0	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$
χ_7	2	0	2	0	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$
χ_8	2	0	2	0	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$
χ_9	2	0	2	0	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$
χ_{10}	2	0	2	0	$E(13)^4+E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^6+E(13)^7$	$E(13)^6+E(13)^7$	$E(13)+E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^5+E(13)^8$	$E(13)^5+E(13)^8$	$E(13)^3+E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^2+E(13)^{11}$	$E(13)^2+E(13)^{11}$
χ_{11}	2	0	−2	0	$E(13)^2+E(13)^{11}$	$-E(13)^2-E(13)^{11}$	$-E(13)^3-E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^6+E(13)^7$	$-E(13)^6-E(13)^7$	$-E(13)^4-E(13)^9$	$E(13)^4+E(13)^9$	$-E(13)^5-E(13)^8$	$E(13)^5+E(13)^8$	$E(13)+E(13)^{12}$	$-E(13)-E(13)^{12}$
χ_{12}	2	0	−2	0	$E(13)^6+E(13)^7$	$-E(13)^6-E(13)^7$	$-E(13)^4-E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^5+E(13)^8$	$-E(13)^5-E(13)^8$	$-E(13)-E(13)^{12}$	$E(13)+E(13)^{12}$	$-E(13)^2-E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^3+E(13)^{10}$	$-E(13)^3-E(13)^{10}$
χ_{13}	2	0	−2	0	$E(13)^5+E(13)^8$	$-E(13)^5-E(13)^8$	$-E(13)-E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^2+E(13)^{11}$	$-E(13)^2-E(13)^{11}$	$-E(13)^3-E(13)^{10}$	$E(13)^3+E(13)^{10}$	$-E(13)^6-E(13)^7$	$E(13)^6+E(13)^7$	$E(13)^4+E(13)^9$	$-E(13)^4-E(13)^9$
χ_{14}	2	0	−2	0	$E(13)+E(13)^{12}$	$-E(13)-E(13)^{12}$	$-E(13)^5-E(13)^8$	$E(13)^5+E(13)^8$	$E(13)^3+E(13)^{10}$	$-E(13)^3-E(13)^{10}$	$-E(13)^2-E(13)^{11}$	$E(13)^2+E(13)^{11}$	$-E(13)^4-E(13)^9$	$E(13)^4+E(13)^9$	$E(13)^6+E(13)^7$	$-E(13)^6-E(13)^7$
χ_{15}	2	0	−2	0	$E(13)^3+E(13)^{10}$	$-E(13)^3-E(13)^{10}$	$-E(13)^2-E(13)^{11}$	$E(13)^2+E(13)^{11}$	$E(13)^4+E(13)^9$	$-E(13)^4-E(13)^9$	$-E(13)^6-E(13)^7$	$E(13)^6+E(13)^7$	$-E(13)-E(13)^{12}$	$E(13)+E(13)^{12}$	$E(13)^5+E(13)^8$	$-E(13)^5-E(13)^8$
χ_{16}	2	0	−2	0	$E(13)^4+E(13)^9$	$-E(13)^4-E(13)^9$	$-E(13)^6-E(13)^7$	$E(13)^6+E(13)^7$	$E(13)+E(13)^{12}$	$-E(13)-E(13)^{12}$	$-E(13)^5-E(13)^8$	$E(13)^5+E(13)^8$	$-E(13)^3-E(13)^{10}$	$E(13)^3+E(13)^{10}$	$E(13)^2+E(13)^{11}$	$-E(13)^2-E(13)^{11}$

Trivial source character table of $G \cong$ C13 : C4 at $p = 13$:

Normalisers N_i	N_1				N_2			
p-subgroups of G up to conjugacy in G	P_1				P_2			
Representatives $n_j \in N_i$	1a	4a	2a	4b	1a	4a	2a	4b
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	13	−1	13	−1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	13	1	13	1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}$	13	$-E(4)$	−13	$E(4)$	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}$	13	$E(4)$	−13	$-E(4)$	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	1	1	1	1	1	1	1
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	−1	1	−1	1	−1	1	−1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	$E(4)$	−1	$-E(4)$	1	$E(4)$	−1	$-E(4)$
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	$-E(4)$	−1	$E(4)$	1	$-E(4)$	−1	$E(4)$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,32,12,44,24,4,36,16,48,28,8,40,20)(2,34,14,46,26,6,38,18,50,30,10,42,22)(3,35,15,47,27,7,39,19,51,31,11,43,23)(5,37,17,49,29,9,41,21,52,33,13,45,25)]) \cong$ C13

$N_1 = Group([(1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28),(1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52),(1,4,8,12,16,20,24,28,32,36,40,44,48)(2,6,10,14,18,22,26,30,34,38,42,46,50)(3,7,11,15,19,23,27,31,35,39,43,47,51)(5,9,13,17,21,25,29,33,37,41,45,49,52)]) \cong$ C13 : C4
$N_2 = Group([(1,32,12,44,24,4,36,16,48,28,8,40,20)(2,34,14,46,26,6,38,18,50,30,10,42,22)(3,35,15,47,27,7,39,19,51,31,11,43,23)(5,37,17,49,29,9,41,21,52,33,13,45,25),(1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28)]) \cong$ C13 : C4