The group G is isomorphic to the group labelled by [360, 118] in the Small Groups library.
Ordinary character table of $G \cong$ A6:

	$1a$	$2a$	$3a$	$3b$	$4a$	$5a$	$5b$
χ_1	1	1	1	1	1	1	1
χ_2	5	1	2	-1	-1	0	0
χ_3	5	1	-1	2	-1	0	0
χ_4	8	0	-1	-1	0	$-E(5)-E(5)^4$	$-E(5)^2-E(5)^3$
χ_5	8	0	-1	-1	0	$-E(5)^2-E(5)^3$	$-E(5)-E(5)^4$
χ_6	9	1	0	0	1	-1	-1
χ_7	10	-2	1	1	0	0	0

Trivial source character table of $G \cong$ A6 at $p = 5$:

Normalisers N_i	N_1					N_2	
p-subgroups of G up to conjugacy in G	P_1					P_2	
Representatives $n_j \in N_i$	$1a$	$3a$	$2a$	$4a$	$3b$	$1a$	$2a$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7$	10	1	2	2	1	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	5	2	1	-1	-1	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	5	-1	1	-1	2	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7$	25	-2	1	1	-2	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7$	10	1	-2	0	1	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	16	-2	0	0	-2	1	-1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(2,4,3,5,6)]) \cong$ C5

$N_1 = AlternatingGroup([1..6]) \cong$ A6
$N_2 = Group([(2,4,3,5,6),(3,5)(4,6)]) \cong$ D10