## How to Use P1–P2 and P1–C1 Satellite DCB Information

observable types: most important linear combinations derived from various combinations of code The following table gives the corrections due to satellite-specific DCBs for the

91	L5	L4	L3	L2		LC
0	$-1.98 \cdot B_{P1-P2}$	$-B_{P1-P2}$	0	$+2.55 \cdot B_{P1-P2}$	$+1.55 \cdot B_{P1-P2}$	P1/P2
	$-1.98 \cdot B_{P1-P2}$	$-B_{P1-P2}$		$+2.55 \cdot B_{P1-P2}$	$+1.55 \cdot B_{P1-P2}$	C1/C2
$-B_{P1-C1}$	$+B_{P1-C1}$		$+B_{P1-C1}$	$+B_{P1-C1}$	$+B_{P1-C1}$	
	$-1.98 \cdot B_{P1-P2}$	$-B_{P1-P2}$		$+2.55 \cdot B_{P1-P2}$	$+1.55 \cdot B_{P1-P2}$	C1,
$-0.56 \cdot B_{P1-C1}$	$+4.53 \cdot B_{P1-C1}$	$+B_{P1-C1}$	$+2.55 \cdot B_{P1-C1}$		$+B_{P1-C1}$	C1/P2

"Melbourne-Wübbena" LC, respectively (following the notation used in the Bernese L3, L4, L5, and L6 denote the ionosphere-free, geometry-free, wide-lane, and GPS Software).

0.562, where  $\nu_1$  and  $\nu_2$  are the basic carrier frequencies 2.546,  $\nu_1 \nu_2/(\nu_1^2 - \nu_2^2) = 1.984$ ,  $\nu_1/(\nu_1 - \nu_2) = 4.529$ , and  $\nu_1/(\nu_1 + \nu_2)$ The factors involved are computed as  $\nu_2^2/(\nu_1^2 - \nu_2^2) = 1.546$ ,  $\nu_1^2/(\nu_1^2 - \nu_2^2)$