selector value	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
integers coded	240	120	60	30	20	15	12	10	8	7	6	5	4	3	2	1
bits per integer	0	0	1	2	3	4	5	6	7	8	10	12	15	20	30	60