DOPI, ROPI, DEPO, REPO - when your Blackwood/Gerber is interfered with.

DOPI (Double 0 Pass 1) and ROPI

It does not matter if you play 4. or 4NT to ask for aces (or key cards), if the opponents bid over your asking bid then obviously things change. I have witnessed this at the club when a lay-down 7NT (13 tricks off the top) was missed.

Let's assume you are playing simple Blackwood, you have 2 aces and partner bids 4NT to ask. Your response is $5 \clubsuit$, but what if your RHO sticks in a bid of $5 \blacklozenge$? The answer is the DOPI convention:

Double	=	1 st step	(0 aces)
Pass	=	2 nd step (1 ace)	
Next bid (so 5♥ here)	=	3 rd step	(2 aces)
Next but 1 bid (so 5 here)	=	4 th step	etc.

The same principle applies if you play RKCB, Gerber or whatever. Note that the lower responses (double or pass) allow for a possibility of defending against a doubled contract by opponents. Often a good idea if you are short of aces/key cards!

If RHO doubles the asking bid, then there is a similar convention (ROPI)

Redouble	=	1 st step	(0 aces)
Pass	=	2 nd step	(1 ace)
Next bid (so 5 here)	=	3 rd step	(2 aces) etc.

Now I have been careful to mention steps here. For example, If you play standard RKCB then 1^{st} step = 0 or 3 key cards, 2^{nd} step = 1 or 4 key cards etc.

DEPO (Double Even Pass Odd) and REPO

This is a less popular variation of the above but has the advantage that the opponent's can always be doubled for penalties.

So when your Blackwood bid is overcalled it's REPO: -

Double	=	Even	(0, 2 or 4 aces)
Pass	=	Odd	(1, 3 or 5 aces)

And if your Blackwood bid is doubled: -

Redouble	=	Even	(0, 2 or 4 aces)
Pass	=	Odd	(1, 3 or 5 aces)

You have to decide if you prefer D(R)OPI or D(R)EPO. I actually know of one pair that play D(R)OPI at the four level and D(R)EPO at the five level. I guess that that makes sense – you are more likely to want to penalise the opponents at the five level.