2/1 System notes

Tadeusz Janowski

January 25, 2021

Contents

1	Ove	rview	2
2	Glos	ssary	2
3	Con	structive bidding	2
	3.1	Opening bids	2
	3.2	Basic follow-ups	2
	3.3	Transfer bids after 4th suit forcing/forcing 2NT	5
	3.4	Continuations after 2/1	6
	3.5	XYZ	7
	3.6	Other relay bids	7
	3.7	Gazzilli	8
4	Slan	n bidding	8
	4.1	Kickback	9
5	Pass	sed hand bidding	9
6	Bala	ancing	10
7	Con	npetitive bidding	10
	7.1	General rules in competition	10
	7.2	Conventions in competition	10
		7.2.1 Good/Bad 2NT	10
		7.2.2 2-suited overcalls - Michaels and Unusual NT	11
		7.2.3 Various doubles	11
	7.3	After takeout x	11
	7.4	After 1-level overcalls	12
	7.5	Transfers over $1 \leftarrow (2/3)$	13
	7.6	After we open 1NT	13
	7.7	Defensive bidding	13
		7.7.1 Responding to takeout x	14
		7.7.2 Responding to overcalls	14
		7.7.3 Defense against 2-suited overcalls	14
		7.7.4 Defense to strong NT	15
		7.7.5 Defense to weak NT	15
		7.7.6 Defense to weak 2s and 3s	15

7.7.7	Defense to strong 4	16
7.7.8	Defense to short/Polish	16
7.7.9	Defense to multi 2	16

1 Overview

2/1 GF, 5-card majors, better minor, strong NT

2 Glossary

M major
m minor
OM other major
om other minor
INV invitational to game
GF forcing to game
BAL balanced

3 Constructive bidding

3.1 Opening bids

```
1*/1*
          12+, 3+ cards
1♥/1♠
          12+, 5+ cards
          15-17 BAL, may contain 5cM
1NT
2.
          Acol
2•
          weak only multi
          5 in bid major, 4+m
2♥/2♠
2NT
          20-21 BAL
3X
          weak
3NT
          gambling
```

3.2 Basic follow-ups

```
1♣/1♦—
                     4+♦, denies 4cM unless GF (Walsh)
          1♦
          1M
                     4-card suit
          raise
                     10+ with 5+ card fit (may be 4 if ♦ s), inverted
                                any minumum
                     3m
                     other
                                stopper for NT
          jump-raise 6-9, 5+ card support
          2*
                     (over 1♦) forcing to game
          1NT
                     6-9, no 4-card major
          2NT
                     10-12 no 4-card major
                     reverse flannery, 6-9 with 5♠ and 4/5 ♥
          2♥
          2
                     reverse flannery, 10-11(12) with 5♠ and 4/5 ♥
```

```
1♥/1♠—
                     6+ 4+$s
          1.
          1NT
                     Forcing for 1 round
                               can be from 3-cards
          2*
                     generic GF, 2+ ♣s
          2♦♥
                     GF, 5 card suit
                     (over 1♥) 6-9, 6+♠
          2
          2NT
                     Jacoby (reaponses as suggested by Larry Cohen)
                     3.
                                any minimum
                               3♦
                                          relay
                                          bids
                                                     1 step higher than direct responses to 2NT, 3♥ any shortage et
                                4M
                                          minimum GF, no slam interest
                     3♦
                               max any shortage
                               3♥
                                          relay
                                          3♠
                                                     any void (then 3NT relay and rebids showing low/mid/high vo
                                          3NT4♣◆
                                                     singleton in low/mid/high suit
                     3♥
                               max any 5422 shape
                                          relay
                                          3NT4♣♦
                                                     4 cards in low/mid/high suit
                     3♠
                                max 6-card suit
                     3NT
                               max 5332
                                5-5 shape with 5 in a bid suit
                     4x
                     4M
                                worst possible hand, no slam interest even if p has mild extras
          3♣
                     6-9 4-card support, good shape
          3♦
                     INV 4-card support
          3M
                     preemptive
          3♠
                     (over 1♥) - minisplinter, 10-12, unspecified shortage
                                asks for shortage (4♥=shortage in ♠)
                     3NT
          3NT
                     (over 1♥) - 13-15 ♠ splinter
          3NT
                     (over 1♠) - minisplinter, 10-12, unspecified shortage
                               asks for shortage (4♠=shortage in ♣)
          4*/4*
                     strong splinters (13-15)
1NT—
          2*
                     Stayman (promises 4cM, may be invitational with 5.)
                               no 4cM
                               2♥
                                          weak, equal length in both majors
                                2
                                          INV 5♠ (may or may not have 4♥)
                                3m
                                          GF 4M5+m
                                3♥/3♠
                                          Smolen - GF 4M 5OM
                     2
                                4+♥s
                               2
                                          slam try in ♥s
                     2
                               4+$s
                                3♥
                                          slam try in s
          2
                     transfer to •
                     2
                               2NT
                                          INV, exactly 5♥
                               3♥
                                          INV, 6+ ♥
                                2434
                                          second round transfers, GF
          2♥
                     transfer to .
```

```
2
                               2NT3♣♦♥ second round transfers, GF (invitational hands with 5♠ bid Stayman)
                                         INV, 6+ ♠
          2
                     INV without 4cM or transfer to .
                     2NT
                               minimum
                               maximum
                     3*
          2NT
                     transfer to ♦s, may be weak with 55 in minors
                               no fit
                     3♦
                               ♦ fit
          3♣
                     puppet Stayman - balanced GF without 44 in majors
                     3♦
                               no 5-card major
                               3♥
                                          4.s
                                                    slam invite 4.4m(32)
                                          3NT-4m
                               3♠
                                         4♥s
                                          3NT-4m
                                                    slam invite 4♥4m(32)
                               3NT
                                         to play
                               4*/4*
                                         slam invite 5m332
                     3♥
                               5 ♥s
                     3♠
                               5 ♦s
                     3NT
                               does not exist (!)
          3♦
                     GF 55 in minors
                     3♥
                               relay
                                          1255 shape
                               3♠
                               3NT
                                         2155 shape
                               4.
                                         564
                               4
                                          6♦5♣
                               4
                                         0355 shape
                               4
                                          3055 shape
                     splinters - GF 54 in minors 3 in OM
          3♥/3♠
          3NT
                     to play
          4.
                     gerber
          4
                     texas transfer to 🔻
          4
                     texas transfer to .
                     quantitative invite to 6NT, either 4333 or 44 in minors (see puppet stayman for other shapes)
          4NT
          5NT
                     bid 6NT with minimum and 7 with maximum
2.—
          2
                     semi-positive, at least K or 2 Qs
                               Kokish, either Hs or strong BAL
          2♥
                     negative, less than K or 2 Qs
                     5+ H 2/top 3 honours
          2
          2NT
                     5+ S 2/top 3 honours
2•—
          2♥♠/3♥♠
                    pass-or-correct
          3NT/4♥♠/5tto•play
          2NT
                     relay, INV+
                     3*
                               any max
                               3♦
                                         relay
                                                    max weak 2 with s
                                         3♥
```

```
3♠
                                                    max weak 2 with vs
                     3♦
                               min weak 2 in ♥s
                     3♥
                               min weak 2 in s
          3*
                     puppet to 3♦
                     3♦
                               forced
                                          preempt
                               pass
                                          GF single-suited hand
                               suit
          3♦
                     INV, support for both majors
                     "bid your suit with a transfer"
          4.
          4
                     "bid your suit naturally"
2♥/2♠—
          2
                     5 NF
          2NT
                     GF relay
                     3♣
                               4.s
                     3♦
                               4♦s
                     3♥
                               5.s
                     3♠
                               5♦s
                     pass-or-correct
          3*
          3♦
                     INV with major support
          3M
                     NF
          3♠/4♣/4♦
                    splinters
2NT—
          3*
                     puppet stayman
                     3♦
                               no 5cM, at least 1 4cM
                                          4♠ without 4♥
                               3♥
                               3♠
                                          4♥ without 4♠
                               3NT
                                          to play
                                          4♥ and 4♠ slam try
                               4.
                                          4♥ and 4♠, no slam interest
                               4
                     3♥
                               5♥s
                     3♠
                               5\s
                     3NT
                               no 4cM
          3♦/3♥
                     transfers
          3♠
                     ???
```

3.3 Transfer bids after 4th suit forcing/forcing 2NT

Transfers at 3-level after 4th suit forcing/forcing 2NT After opener shows a 2-suited hand and responder relays:

- 1. if * were one of opener's suits 3* is natural and shows 5*
- 2. otherwise bids 1 below opener's suit are transfers, showing extra length
- 3. 3 shows singleton in p's suit (worst possible shape)
- 4. other 3 level bid shows 3-card fragment in partner's suit

Partner can agree the trump suit by accepting the transfer, after which opener shows shortage (second suit = both shortages)

See section below for an example.

3.4 Continuations after 2/1

```
1♥-2♣/2♦
                    4♦s
                    2y
                               ♥ fit 15+
                    2
                               4th suit forcing
                               2NT
                                          stopper
                               3.
                                         transfer to ♦ - 5♥5♦ min
                               3♦
                                         6+♥s
                               3♥
                                          1543 shape
                                          3541 shape, no stopper
                               3♠
                               3NT
                                         2542 shape
                    2NT
                               relay, can play NT from my hand, responses same as above
                    hand unsuitable for another bid
          2
                    2NT
                               relay
                               3.
                                          4. minimum
                               3♦
                                         transfer to ♥ - 6+♥ minimum
          2
                    extras, 4+s
                    12-14 5332 stoppers in unbid suits
          2NT
          3♣
                    extras, 5+♦s
                    extras, 6+♥s
          3♦
          3♥
                    extras, 4 s
1.2.
          2*
                    4-card suit, may be 5 with extras (no way to show immediately)
          2♥
          2
                    hand unsuitable for another bid
          2NT
                    12-14 5332 stoppers in unbid suits
          3♣
                    15+4+*
          3♦
                     15+ 5♦5♥
          3♥
                     15+6+
1♦-2♦
          2♥
                    4-card suit
          2
                    hand unsuitable for another bid
          2NT
                    12-14 5332 stoppers in unbid suits
                    15+5•5*
          3♣
                    15+ ♦ raise
          3♦
          3♥
                    15+6+
1.4-2♥
          2
                    hand unsuitable for another bid
          2NT
                    12-14 5332 stoppers in unbid suits
          3./D
                    natural 5-5 shape, extras
          3♥
                    15+6+
          3♠
                    minimum ♥ raise, no shortage
          3NT
                    minimum ♥ raise, splinter in a minor
          4./D
                    splinter, extras
1 -2 -
          2•
                    5+ ♦
```

3.5 XYZ

After 1x-1y-1z uncontested auction, 2* is a puppet to 2* showing signoff or invitational bids and 2* is an artificial GF bid. After inital pass, 2* retains the same meaning (puppet to 2*) while 2* becomes a natural bid with *s. The convention is OFF after interference.

Example:

```
1♣-1♥;
1NT—
         2*
                    puppet to 2, signoff or invitational hands
                    2•
                              forced
                             pass
                                        4♥5+♦ weak
                             2♥
                                        INV 5♥
                                        INV 5♥4♠
                             2
                             2NT
                                        weak 4♥6♣
                              3.
                                        INV 4♥ 5♣
                              3♦
                                        INV 4♥5◆
                                        INV 6+♥
                              3♥
         2
                    game forcing relay
                    2♥
                             3♥
                    2
                             4♠ no 3♥
                    2NT
                             no 4♠ no 3♥ no 5-card minor
                    3m
                             5m, no 3♥, no 4♠
         2 🕶
                    6-96+
         2
                    GF, reverse
         2NT
                    nat, INV
```

3.6 Other relay bids

All sequences below, unless specified otherwise, show artificial game forcing relay bids (say nothing about the bid suit).

```
1♣-1M;
2♣-2♠
1♠-1♠;
2♣/2♠-2♥ (see reverse flannery)
1♥-1♠;
2♥-2♠ GF promises 5♠ (with only 4 start with 2♣)
```

3.7 Gazzilli

One of the main problems of natural (i.e. not strong club) systems is handling strong (18+) hands which are single-suited or have support for partner's suit without a shortage. Both cases require to make a high level jump, preempting the auction. Gazzilli solves this problem at the expense of being unable to stop in 2*.

After 1M opening and 1-level response the 2* bid is artificial showing either 12-16 with 4* (natural * bid) or any 17+ hand. Responder bids 2* with any 8+ hand or naturally otherwise. After 2*-2* returning to opening major shows the natural * variant, anything else is 17+. The traditional follow-ups are natural, but I suggest to use transfers starting with 2NT to comfortably agree a minor suit (18-19 BAL is sufficiently well-defined to be placed at 3* level).

Example:

```
1♥-1♠
                     12-16 5♥4♣ or any 17+
          2.
                     2
                               any 8+
                               2♥
                                          12-16 5 • 4 *
                               2.
                                          5♥ 3+♠ 17+
                               2NT
                                          17+ with ♣
                                          17+ with ◆
                               3.
                               3♦
                                          17+ with 6+♥
                               3NT
                                          18-19 BAL, to play
          2NT
                    to be discussed, can be 14-16 with 6♥ and 3♠
          3♣♦
                     14-16 5-5 shape
```

4 Slam bidding

- cue bids 1st or 2nd round control
- if the first cue is made by player who showed 9+ cards in 2 suits shows shortage
- cue in partner's long suit honour
- Last train to Clarksville (LTTC) last cue below game shows slam interest but not necessarily a control in the suit
- After LTTC bidding 5 of a trump suit is asking for control and aces. Pass with no control, bid 6 with second round, show key cards 1430 with 1st.
- Kickback 1430 (see below)
- cheapest non-trump suit bid after RKCB response asks for trump Q. Responses
 5 in trump suit no trump Q, otherwise bid cheapest K not going beyond 6 in trump suit.
- 5NT after Blackwood specific king ask partner shows cheapest king without exceeding 6 in a trump suit
- other new suit after Blackwood asking to bid 7 with 2nd round control in that suit
- jumps 1 above splinter exclusion Blackwood 1430

- if ace ask is overcalled DOPI, ROPI, DEPO
- other 5 in partner's major asks for trump suit quality
- direct 5NT "grand slam force" asks for number of top 3 trumps ($6 \neq 0$, $6 \neq 1$, $6 \neq 2$, 7M=3)
- raising splinter suit to 6 level asking to bid 7 with a void

4.1 Kickback

It is well-known that Blackwood responses have a tendency of being too high especially when the agreed suit is a minor. Kickback solves this problem by making 4(suit+1) an ace asking bid, so if * are agreed 4* asks for aces etc. The responses are in steps just like 0314 Blackwood (although they can swapped for 1430).

Over the last train bid (or instead of last train bid) the bid one step above kickback is 'Lackwood' - ace asking without the stopper in the last train suit. For example, if sare agreed, 4NT is kickback and 5. is Lackwood. Returning to 5 of a trump suit denies a stopper in the last train suit, other bids promise a stopper and show keycards.

In cases when the kickback suit was bid naturally, the bid is kickback provided that there was a way to raise trumps naturally first. For example:

```
1♥-4♠ to play; responder has a variety of heart raises to choose from
1♦-2♣;
3♣-4♦ kickback; responder had a chance to agree diamonds with 3♦
```

In misfit auctions where two players bid their own suits, lowest unbid strain is kickback for the lower trump suit and second lowest - for the higher trump suit, e.g.

```
1♥-2♦;

2♥-3♦;

3♥-4♦;

4♥5♦ to play

4♠ kickback for ♦

4NT kickback for ♥
```

Lastly, 4NT is free to become a natural and quantitative bid in many auctions, for example

```
1♠-2♠;
3♣-4NT quantitative, responder had a chance to agree ♠ suit with 3♠
```

5 Passed hand bidding

- 3rd hand openings can be light, in this case opener usually passes on the second round
- Two-way drury: 1M— 2C 10-11 points 3-card support 2D 10-11 points 3-card support
- 1M-1NT response is semiforcing, 6-11 points

- Bergen raises are OFF (!)
- jumps in new suits are fit jumps, 4-card support and 5+cards in the bid suit
- unless specifically agreed otherwise, all bids are the same as after 1st seat opening

6 Balancing

- non-jump bids are a king weaker than on a direct seat
- 1NT is 11-14(15) after 1* opening up to 11-16(17) after 1* opening. The reason is that after 1* opening and double, partner will be forced to bid on 2-level, which may be too high with 15-16 point hands.
- jump to 2NT is 19-20, unusual NT is off
- jumps in new suits are intermediate, 11-15 points and a good 6-card suit

7 Competitive bidding

7.1 General rules in competition

- new suit at 1 and 3 level is forcing this includes jumps to 3-level
- new suit at 2 level is nonforcing
- jumps raises are always preemptive

7.2 Conventions in competition

7.2.1 Good/Bad 2NT

When RHO makes a natural 2-level overcall, or when LHO makes a natural 2-level bid passed to you, 2NT is often (see exceptions below) a puppet to 3*. This can either be passed or corrected, in which case it shows a hand that's weaker than the direct bid. For example:

```
1 → (p)-1 → (2 ♥)
?

2NT puppet to 3 ♣
3 ♣ to pass if partner has ♣
pass 5 → 5 ♣ competing to 3 level
3 ♦ 6 ♦ no interest in bidding game
3 ♣ GF 5 → 5 ♣
3 ◆ INV 6 + ◆
```

2NT is NOT good bad in any of the following situations:

• 2NT has a different meaning by explicit agreement, e.g. 1M-(2x)-2NT is a 4-card major raise.

- we are forced to game (no need for 2 ranges)
- we have found a trump suit
- opponents' 2-level overcall is artificial
- opponents opened a strong &

7.2.2 2-suited overcalls - Michaels and Unusual NT

- cue bidding opener's 1M shows 5 cards in OM and an unspecified 5-card minor
- cue bidding opener's 1m shows both majors
- jumping to 2NT over 1x shows 2 lowest unbid suits
- all of the above bids are made with continuous strength range (we do not play min-max)

7.2.3 Various doubles

any-(any)-x in situations where it's not a transfer, it's negative showing 4-cards in unbid majors

```
1x-(any)-1M-(any);
x if the overcall is below 2M - shows exactly 3-card support in partner's major
```

1x-(any)-2x-(x) responsive, shows 2 unbid suits. If p doubled it shows both majors if they bid a minor and both minors

```
(1x)-x-(1y)-x penalty (!)
```

7.3 After takeout x

xx 10+ points, interested in penalising opponents 2NT if partner opened a major this is an INV+ raise, if p opened a minor it's natural 10-12.

We play various transfers in this situation. Over 1M transfers start with 1NT bid and end 1 step below simple raise

```
1♥-(x)—
          1.
                     4!+s forcing for 1 round
          1NT
                     transfer to .
          2*
                     transfer to •
          2
                     transfer to ♥ - constructive raise
          2v
                     weak 3-card raise
          2NT
                     INV+ with fit
          3♥
                     preemptive
          jump-shiftsfit jumps
```

Over 1♣ we have room for full transfers (same structure as over 1♦ overcall)

```
1.4-(x)—
          1 •
                    4+ •
          1♥
                    4+ •
          1.
                     transfer to NT or .
          1NT
                    natural
          2*
                    transfer to •
          2
                    6+ ♥ weak or GF
          2v
                    6+ ♠ weak or GF
          2
                    transfer to .
          2NT
                    natural
          3♣
                    INV 6
          3♦
                    INV 6♥
          3♥
                    INV 6+♠
                    transfer to NT
```

Over 1 there are two possible transfer schemes, depending which is the cheapest bid we're willing to give up.

Scheme 1 - giving up xx, 1 ◆-(x)-xx becomes a transfer to ♥ and all bids are transfers Scheme 2 - giving up 2 ◆ simple raise - xx and all bids up to and including 2 ♣ are natural, higher bids are transfers

7.4 After 1-level overcalls

- 1-level and 2-level bids are transfers
- 3 level bids below cue bid are natural and invitational with a 6-card suit
- 3-level bids starting from cue bid are transfers showing invitational hands
- NT bids are always natural
- 1m-(1a)-x is negative, all other doubles are transfers
- The meaning of 2-level bids varies depending if the 1-level bid in the same suit is available. If yes then they are either 6-9 or 13+ with a 6-card suit. Otherwise, they show 6-9 with a 6-card suit or 10+ with 5+card suit
- jump raises to 3 level are weak as usual
- 1 is a transfer to NT (to play from a better hand) or s.

Example:

```
1 ♣ - (1 ♥) —
                      4+ •
                                 exactly 3 •
                      1
           1.
                      transfer to NT or .
                      1NT
                                 does not necessarily promise a stopper
                                 2
                                             stopper ask, GF
           1NT
                      natural, 6-9 with a stopper
                      transfer to ♦, 6-9 with 6+♦ or 10+ with 5+♦ (1-level ♦ bid not available)
           2.
           2
                      transfer into cue bid - invitational club raise
           2v
                      transfer to • - 6• weak or GF (x was available to show • at 1 level)
```

```
    transfer to * weak or GF
    2NT natural 10-12 with a stopper
    preemptive
    invitational, 6+*s (below cuebid = natural)
    invitational 6+*s
```

7.5 Transfers over 1♦-(2/3♣)

```
1 \( -(2 \) -
           2
                      5+♥
           2♥
                      5+.
           2
                      INV+ ♦ raise
           2NT
                      INV with a * stopper
           3*
                      asking for a 4 stopper
           3♦
                      preemptive raise
1 ♦ - (3 ♣ ) —
           3♦
                      5+ ♥
           3♥
                      5+ .
           3♠
                      GF 5+ •
           3NT
                      to play, * stopper
```

7.6 After we open 1NT

- If they double, redouble is penalty and systems on.
- If they overcall 24, x is Stayman and otherwise systems on.
- Over other 2-level overcalls we use Rubensohl convention, where 2-level bids are NF and 3-level bids are transfers. Doubles are negative. For example:

```
1NT-(2♥)—
                     4. INV
          Х
          2
                     5 NF
          2NT
                     transfer to 4, any strength
          3♣
                     transfer to ♦, any strength
          3♦
                     transfer to cuebid is a GF stayman
                     3♥
                                no 44, no stopper
                     3♠
                     3NT
                                no 4 with a stopper
          3♥
                     transfer to ., INV+
                     transfer to NT without a stopper
          3♠
          3NT
                     promises a stopper
```

7.7 Defensive bidding

Agreements when opponents open the bidding. In general, jumps are weak, so we play weak jump overcalls at any vulnerability.

7.7.1 Responding to takeout x

- non-jump bid shows 0-8, may only be from 3 cards
- jump bids show 9-11 and a 4+ card suit
- cue bid is invitational with both majors or any GF hand
- 1NT is 7-9 with a stopper
- 2NT is 10-12 with a stopper

7.7.2 Responding to overcalls

jump-cue mixed raise jump-shift fit jump at 2-level, INV at 3-level double-jump-shift splinter 2NT 4-card raise

Bids between cuebid and simple raise are transfers, other bids are natural, for example

```
(1♣)-1♥-(P)—

1♠ natural and forcing

2♣ 5+♦

2♦ transfer to partner's suit, INV+ raise (replaces cuebid)

2♥ simple raise

2NT good 4-card raise

3♣ mixed raise (4-card support, 6-10 points)

3♥ preemptive raise
```

The transfer typically promises a 5-card suit, but may be lead directing with support for partner's suit.

7.7.3 Defense against 2-suited overcalls

x I want to penalise at least one of their suits

If the overcall shows one specific suit and one unknown suit, we bid as if the overcalled bid the specific suit.

If the overcaller shows both majors, cuebidding a major shows a good hand with a stopper in a bid suit.

If the overcaller shows 2 specific suits, but not both majors, we play unusual-overunusual, where the lower cuebid shows good hand with lower of the remaining suits and higher cuebid shows higher of the remaining two suits, e.g.

```
1♥-(2NT)—

3♣ good ♥ raise

3♦ good hand with ♠

3♥ weak ♥ raise

3♠ weak hand with long ♠
```

7.7.4 Defense to strong NT

Multi-Landy

```
x penalty
2♣ both majors (at least 5-4)
2♦ equal length in both majors
2♦ single-suited major
all same as after multi 2♦ opening
2M 5M4+m
all same as after respective openings
2NT 55 minors
```

7.7.5 Defense to weak NT

```
(1NT)—
                      penalty, any 15+ hand (after (1NT)-p-(p)-x only promises 13)
           X
                      P 5+ points, sets up force up to 2♥
                      2C scramble, 0-4 no 5-card ◆/♥/♠
                      Pass
                                 4+*
                      other
                                 0-3 *, 5-card suit or a cheapest 4-card suit
                      other
                                 natural, 5-card suit
           2.
                      both majors (at least 5-4)
                                 equal length in both majors
           2
                      single-suited major 6-10
                                 same as after multi 2+ opening
                      natural, 11-14 points good 5-card suit
           2♥♠
```

After initial penalty x, second x is for takeout, 3rd and subsequent are all for penalty. If opponents compete at 2-level good/bad 2NT applies.

7.7.6 Defense to weak 2s and 3s

We play (non-)leaping Michaels. 4♣ and 4♦ bids are artificial and show strong 2-suited hands.

```
(2\( \)—
          3♦
                    asking for stopper for NT
                    and a major
          4.
          4
                    both majors
(2♥)—
          3♥
                    asking for stopper for NT
          4.
                    5.5.
                    5\5
          4
          4
                    5.5
```

Similarly, non-leaping Michaels uses the same structure over 3-level openings.

7.7.7 Defense to strong *

Mathe:

(1*)—

x both majors1NT both minorsrest natural

7.7.8 Defense to short/Polish *

(1*)—

2♣ natural (!) 2♦ both majors

7.7.9 Defense to multi 2.

Dixon

2← x 12-14 bal or any 18+ rest natural