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Chapter 1

opening

1.1 1m

We use a very natural system for now. For jumps, I suggest: (for now)

- jump 2X = nat 6+X inv NF. 2N = nat inv
- 1D 3C = nat inv. 1D 2C = GF.
- double jump 3X = nat weak, about 6-6.5 winners.
- these are on unless it is no longer a jump. (1m (X) 2N?)
- two-way is off after overcalled (but not after t/o) except 1C (1D)

1.1.1 after 2N rebid

```
1m - 1M; 2N -
3C: 5M, ask
3D: fit in opener's minor, SI
3M: 6+M, SI
(M = S) 3H: 55+M, SI
(M = H) 3S: 44+M
4C/D: good support in H/S
3N: s/o
4m: nat 55 SI
4M: s/o
(M = S) 4H: 55+M, s/o
```

1.2 1M

We use a very natural system for now. For jumps, I suggest: (for now)

- 1M 2M + 1 = Jacoby, 4 + M GF usually bal
- 1M 3m = nat inv
- 1S 3H & 1H 2N = limit raise, 4+M inv
- 1M 3M = pre
- 1M 3N = (4333), CoG
- double jump = spl, roughly GF minimum
- stronger splinters can use auto-splinter after 2-over-1

1.2.1 PH

- 1M 2C = 9-11, 3 + fit; then 2D = reinv. 2M = s/o. (2H = nat F1 if M = S)
- 1M 2M = 5-8
- 1M 1N = 2-M, NF
- 1M 2N = limit raise (subseq = Jacoby, but 3M is s/o)
- 1H 2S = nat inv
- 1S 3H = nat inv

1.3 1N

1.3.1 response

A brief summarize table:

	s/o	inv	CoG	SI+
4M (6m poss.)		2C->raise/2N	2C	2C-2M-3oM/spl
5M	2DH	2D->2N; 2C->2S	2DH->3m/3N; 2H->2N	2D->3m; 2H->2N/3m
6M	2011	2DH->raise	(4DH is s/o)	2DH->4M (MST); 2DH->3oM+
5S4H		2C->2S/3H		Smolen
5H4S	2C->P/2H	2D->2S	Smolen (2C-2D-3HS)	Smoren
55+M		2H->3H		4C
64M	2DH	be 6M or 54M	2C-2D-4CD	2C-2D-4CD
6m	2S/3C	2S/3D	2S/3C->3N/bid(spl)	2S/3C->raise/4N/bid(spl)

```
P: 2-M, then XX = re-transfer
                                            XX: 5+ good suit, suggest play
                                            2M: 3+M
                                         2M: default
                                         2N: general super-accept
                                         suit: super-accept, Ax or Kx in suit
                                            ... SA - 3M-1(4M-1): re-transfer
                                         3M: any 5M
2S: -> 3C
                                         2N: accept inv
                                         3C: decline
                                         after minor transfer ...
3C -> 3D: s/o or GF
                                         suit: spl, CoG or SI
                                         3N: CoG or MST
                                         4N: quant
                                         raise: MST
                                         4m+1: RKC
                                         obvious ERKC: spl first, then use 4m+2
3M: GF, 54+m, spl M
                                         3N: s/o
                                         oM: 4+oM, suggest play
                                         4m: 4+m
                                         4D: max
4C: 55+M, SI
                                            4H = only MST, then 4S = s/o, 4N+ =
                                         resp to 2RKC
                                            4S = 2RKC, 4N/5C = 2ERKC(D/C)
                                         4M: min
                                         4N: (rare) 22-M, min
4M-1 = transfer M
```

After Stayman

1N - 2C;	
2D: no 4M	P = s/o. $2H = MMs s/o$
	2S: 5S inv NF
	2N: inv
	3m: 5+m ST
	3M: Smolen. 5oM, 4(+)M, GF; 3H may be
	55M GF but no SI (will rebid 4H)
	3N: s/o
	4CD: 64+M, transfer HS
	+1: max
2M: 4+M	2S: nat inv NF
	2N: inv (implies 4oM)

bridge-cc

```
3m: 5+m ST
raise: inv
3N: s/o
3oM: fit SI
higher: spl
4N: always quant (RKC: 3oM/2N first)
XX: good 5+C, suggest play
P: stopper in C, resp can ask with XX
2D+: system on but no stopper
```

After transfer

```
1N - 2M-1; 2M -
... 2H - 2S: 5H4S, inv NF
... 2H - 2N: nat inv
   2H - 3S: spl or 6+H bal ST
    2S - 2N: GF, CoG or ST
                                        TODO: subseq, and what is the
                                        difference between this and 3N?
   2S - 3H: 55M, inv NF
raise: inv, raise S would be slightly
stronger
3m: GF, 4+m
                                        3M = fit. 3D/oM = fit m only.
                                        = double fit. If there are two new
                                        suits, bid shows stopper.
other jump: spl
3N: CoG
```

1.3.2 comp

doubled

We use similar structure against double. However, knowing some weaknesses may help:

- If the opponent lacks PEN X, try P with boring hands NV (even with medium-quality 5M suit)
- For X/bids shows an ambiguous suit, we may try to interfere with overcall
- After XX, we set up FP. Either one's X means "if you hold Hx+, please PEN"; 2N shows a t/o hand if FP ON.

- Notice about our escape scheme:
 - If X = PEN, then direct bid is s/o
 - Otherwise, system on
 - P transfers to XX, but since it usually denies inv values (can still have some bad 8-9 that is not willing to FP), opener can freely bid his 5-card suit.
 - No matter what X means, after P transfer to XX, a bid is "DONT" style, and resp can also pass.

```
1N - (X = pen) -
XX = inv+, FP on
P = forcing but non-GF, default transfer to XX.
    suit = nat s/o
    XX = forced
        P = s/o. suit = 44+ X and higher, 2C may be scamble.
    # if interfered, any X = t/o
2X = nat s/o
2N = mms
jump = nat semi-pre
# if X != pen:
system on, but XX/P: same
```

2m = majors

We use a simple structure against 2m = majors.

```
delayed X: bal inv (allow convert to
    PEN)
    delayed 2N: minors t/o
    X/m: nat
    2N+: Leb (direct bid = GF)
    3M: good 5+M, GF
    2H: inv
    2S: GF
```

1.3.3 2C = some 6 +

X = (s)bal inv+, FP ON, 2X = NF. Leb ON.

1.3.4 other natrual bids (even if promises another suit)

X = t/o, 2X = NF. Leb ON.

1.3.5 note on FP

If FP ON, and before giving up PEN, 2N = t/o, min, NF, suit = 4 + card (unlikely to have 5-card)

1.4 2C

We use control-showing response (i.e. $A=2,\,K=1$) after 2C opening. The rest are simply natural except:

- after any 2N, we use response same as 2N opening
- cheaper minor = double negative after 2C 2D 2S/3C
- jump response shows a "one-loser suit" (KQJTxx+) without outside CT.

```
2D = 0-1 CT
2H = 2 CT; 2S = AK; 3C = 4+ CT, forcing to 4N
    then nat. bal usually still 2N. will deny bidding NF bids if too
    strong
    # ex: 2C - 2S; 2N - 3C; 4m/4N = nat w/o 4M, strong slam interest
    # 2C - 3C; 3N/4N - 4C/5C = ask 4M, 4DH/5DH = transfer
    # TODO: what is 3N ?

2N = KKK
    then same as 2N opening

3DHS = 1-loser suit, no outside CT. 3N = same for C.
    ? # mb ask short
```

1.4.1 2C - 2D

```
2C - 2D;
# note that 22-25 bal can contain 5M

2H = nat or 22-25 bal

2S = forced

2N = 22-23 bal. 3N = 5+H, 26-28 bal

bid = nat

anti-relay = nat GF # 2N shows S

2S = nat unbal or 25+

3C = weak or waiting
```

```
2N = 24-25 bal. 3N = 26-28 bal ... ... 3N - 4C = ask 4M. 4DH = transfer
```

$1.5 \quad 2N$

After 2N or 2C - 2N, we use:

- puppet Stayman, Jacoby transfer, 3S minor Stayman
- for 5H4S, transfer H then 3S; for 5S4H, bid 3N; for 55M, transfer S then 4H for s/o, otherwise 4C
- for long minor (M)ST, use Stayman. for mms ST, use minor Stayman.

```
3C: ask 5M. may be s/o in 3N or 5+m ST.
                                          3D: some 4M
                                             3M = 4 + oM. 3N = s/o.
                                          3M: 5+M
                                             suit = cuebid. 5m = nat MST
                                          3N: no 4M
                                          any - 4N: quant
                                          3DN - 4m: 5+m, MST+
                                             4N = 2m. +1 = RKC
3DH: transfer
                                          4+ fit must super-accept
                                          ... 3H - 3S: 5H4S
                                               3S - 4H: 55M, s/o
                                          after transfer, new suit at 4-level =
                                          5-5 nat ST, then lowest unbid suit =
                                          2RKC
3S: minor Stayman. 44+m
                                          3N = no \ 4m. \ 4m = nat. \ 4H+ =
                                          super-accept, resp to 2RKC
3N: 5S4H, NF
4C: 55M, ST. resp same as 1N - 4C.
4DH: transfer, MST
4S: no agreement
4N: quant
5m: to play
```

Chapter 2

conventions

2.1 major GT

Only ON when:

- both sides sees a 8+ fit in M
- current bid is equal or under 2M, except fit in H (2S) X is "stolen", i.e. replaces 2S.

```
fit in M
suit < 2M: still nat and forcing</pre>
2M+1: ask feature
                                          bid: mid+, feature (KJ+), 2N replaces S
                                          if M = H
                                             other bid: cue
                                          3M: min
                                          3M+1/4M: max w/o feature (always 3M+1 is
                                          better, but 4M is still max)
                                          jump: spl, 3N replaces spl S if M = H
                                          3M: min
other < 3M: HSGT/ST, want
void/x/xx/Qx/A(+)/K(+)
                                          3M+1/4M: max
                                          jump: spl, 3N replaces spl S if M = H
                                          other bid: feature
```

2.2 principles

These are some general prinicples, if no agreement is further made.

```
- 2N is natrual and inv
```

2.3 responsive double

```
(1m) - X - (minor) - X = 44+M
(1M) - X - (major) - X = 44+m # because t/o is oM-oreiented, 4oM will
   just fee bid
(any) - overcall - (raise) - X = 44+ two other suits, but if only one
   unbid M, just 4+M
...
```

2.4 two-way

Two way is off after overcalled (but not after t/o) except 1C - (1D). I made some very slight modification from BTU's two-way:

- Now 2C -> 2D; 3X shows the same hand as directly 3X
- 2C -> 2D; 3N is now pure CoG, no SI.

(M = S) 2HS: nat inv NF	
<pre>2N -> 3C: usually s/o; otherwise CoG with short</pre>	P: s/o
	3D: 4-5M, spl D, CoG
	+1: ask, then $3N = 4M$; others = $5M$
	3H: 4-5M, spl H (or C if M = H), CoG
	+1: ask, then $3N = 4M$; others = $5M$
	3S: $5M$, $spl S (or C if M = S), CoG$
	3N: 4M, spl S (or C if M = S), CoG
3m: 4M, (4)5+m fit, SI	
3om/3oM: nat 55+, SI	
3N: s/o	
4m: spl	
(M = S) 4H: 5S6H, basically s/o	
4M: s/o	
4N: quant	

Chapter 3

defensive

3.1 overcall

3.1.1 simple overcall

Similar to take-out, an overcall is level-aware:

```
1X: 8+, 5+X (LD values or shape); up to the minimum of off-shape
2m: 10-15, 6+m; 12-17(18), 5+m
2H: (7)8+, 6+H; (10)11-17, 5+H

could be lighter if partner PH; or under certain conditions such as 1D - 2C or some vul.
```

We use Rubens when advancing an overcall that is lower than 2m:

```
(1X) - 1Y - (P/X) -
1N: 10-12
2N: 13-14
2Y: nat comp
suit < X: nat, 10+, F1</pre>
                                          raise/2Y: 8-11
                                             rebid: to play
                                          2N: 12-13, inv
                                          cue: F1
                                          new suit below 2Y: nat F to 2Y, not
                                          promising extra
2X to 2Y-1: transfer to next suit. 10+, accept transfer: 8-11
5+ suit; or 8+, 6+ suit. Transfer to 2Y
is 10+, 3+ fit
                                             2N: nat inv against 10-11
                                             2Y: s/o
                                             raise: 6-cards inv NF
```

```
new suit: F
rebid 2Y: (10)12-13, 6+Y
2N/raise: 12-13, inv
new suit: inv+

jump-shift: inv+ (13+) values,
fit-showing
jump-cue: mixed-raise (about limit raise)
```

```
(1X) - 2m - (P/X) -
suit < X: nat, 10+, F1</pre>
                                          raise/2Y: 8-11
                                             rebid: to play
                                          2N: 12-13, inv
                                          cue: F1
                                          new suit below 3m: nat F to 2N, not
                                          promising extra
2X to 3m-2: transfer to next suit. 10+, accept transfer: min
5+ suit; or 8+, 6+ suit.
                                             2N: 12-13, nat inv
                                             3m: s/o
                                             raise: 6-cards inv NF
                                             new suit: F
                                          rebid 3m: (10)12-13, 6+Y
                                          2N/raise: inv
                                          new suit: inv+
transfer to 3m: 10-11 or ST, fit
                                          2N: stopper, F
                                          3m: min (s/o against 10-11)
2N: 12+, F1
                                          3m: min (s/o against 12-13)
```

3.1.2 sandwich position

Overcalls are natrual and Rubens is ON. However, since advancer failed to made a direct overcall, his bids are NF and shows a NFB quality.

```
(1X) - P - (1Y) - 2X/2Y = nat, good 6-card
after (1X) - P - (1Y) - 1Z/2m:
Rubens is ON and 2Y is the cuebid suit. (i.e. transfer from 2Y)
The meaning of 2N is still the same, because it is possible to pass
   with 12-14 bal.
The only special case is (1C) - P - (1D) - 2D. Here we define 3C as the
   cuebid suit.
```

3.1.3 jump overcall

The most improtant agreement for overcall IMHO is the precise definition of their strength. Obviously it depends on partnership agreement, but hope that this section provides a good baseline. Notice that this write-up is quite aggressive and vul-sensitive.

```
(1m) - ; or (1H) - 2S
# style: the stronger the hand, more shapely to pre 2M
# V/NV
P = may be lengthy but not enough values, ex: AJxxxxx.xxx.x
1M = (8)9-16(17), 5+M
jump suit = same as balancing overcall
1M = 8-17, 5+M # could be weaker (LD) if partner PH
2M = 6+M, pre # usually not 6322; unless ex: KQJ9xx.xx.Kxx.xx
# NV/NV
1M = 8-17, 5+M # 4oM or afraid of losing game
2M = 5+M, pre # wild but sounder
# KQxxx.JTxx.x.Qxx: 2S
# KJxxx.xxx.QJTx.x: 1S. 2S opp PH
# KQJxx.xxx.Qxx.xx: 1S. 1S/2S opp PH
# NV/V
1M = 8-17, 5+M # 4oM or afraid of losing game
2M = 5+M, pre # wild
# KQJxx.xxx.Qxx.xx: 1S (afraid losing game). 2S opp PH
# KJxxx.xx.xxx.xxx: P. 2S opp PH
# AQxxx.xx.xxx.xxx: 2S
# Axxxx.x.Jxxx.xxx: 2S
```

3.1.4 other general principles

Rubens is a whitelist convention. It is ON iff we made an natrual overcall lower than 2m, and LHO passes or doubled.

3.2 t/o double

```
# style: slightly emphasizes major
minimum take out at 1-level:
4333: 13(14)+
```

```
4432: 12+, 43+M or 4+oM

2-card opp's suit: 11+ outside

1-card opp's suit: 10+ outside

0-card opp's suit: 9+ outside

at 2-level: +2
  at 3-level: +(3)4
  may be slightly sounder if adv need to bid 1-level higher.

for off-shape hands, if expect to ...
  rebid at 1-level: 16+
  rebid at 2-level: 18+ or good (6+ cards) 16+
  rebid at 3-level: (19)20+ or good (6+ cards) 18+
  rebid NT: 19+
```

3.2.1 resp

The response is pretty standard but a bit more precisely defined. For (2M) - X, check Lebonsohl.

```
(1X) - X - (P) -
non-jump: nat 0-9
                                         raise: (14)15-17
                                         double raise: 18-20
                                         suit: off-shape
                                         jump suit: same strength as suit but
                                         longer (usually one less loser)
                                         cuebid: an A(K) stronger than off-shape
                                         minimum
1N: 9-11
2N: 12-13
jump: 8+, 5+X; or 10+, 4+X. jump 3X
                                         raise: inv. if 4X (implies max), bid 3N
slightly sounder
                                         first
                                         jump = spl. other = nat and strong
cue: 12+, F1
                                         2M: 4+M, F1
                                            2N & raise are only NF
                                         2N: no 4M (implies not min therefore) GF
                                         cue again: 44M+, SI
                                         4CD: transfer HS, SI
                                         other: nat and GF
double jump: semi-pre
jump cue: undefined. maybe ask for
stopper.
```

For higher level t/o, we use them quite flexibly. To be precise, (4S) - X can have the following possibilities:

- most typically: 16+ bal
- t/o hands weaker than 4N: ranging from -.Axx.Axxxx.Axxxx to J.AQxx.KQxx.AQxx (may judge based on Vul or opp. style)

```
      (4m) - X
      4N: undefined

      (4H) - X
      4N: RKC(S)

      (4S+) - X: transferable strength
      4N: 2- or 3-suiter (or strong oM)

      (1M) - X - (4M) - 4N: RKC(oM)
```

3.3 vs 1N

We choose the widely-used multi-Landy.

```
(1N) -
X: pen, roughly opp's mid-range but 14+
                                          (TODO)
(PH) X: 8+, some 5+m 4M
                                          2CDH: P/C
                                          2S: s/o
2C: 10+, 54+M; or 8+, 55+M
                                          2D: ask which 5M; 55 usually resp 2S
                                                   2M - 2N+: nat inv (2S = s/o)
                                          2M/3M: s/o
                                          2N \rightarrow 3C: then P/3X: s/o
                                          3m: nat constr
2D: 6.5-Losers or 10+, some 6+M
                                          same as resp multi
2M: 10+, some 5M4m; or 8+, some 5M5m
                                          same as resp MM
2N: nat 55m wide in range
3m: nat. vs str: wide in range; vs
weak: very constructive (13-15), inv 3N
3M: nat pre
3N: idk but I'll assume Gambling 3NT
```

3.3.1 resp to multi

When partner makes a multi 2D bid, there can be several possibilities for responder:

- nothing special: simply 2H for P/C
- we want to play in our suit: P or 3C is s/o

- we supports both majors, so we want to preempt: 2M/3M/4H are all P/C. Notice that you may bid 2S when holding 13xx for example.
- we want to invite if partner is H: bid 2S, partner will show feature if he is maximum.
- we want to invite if partner is S: bid 2H, we can invite if partner correct to 2S
- we want to make a general invite: bid 2N
- we have our own major and GF: bid 3D

The responses are as follows:

2D -	
2H: P/C	
2S: P/C	
3M/4H: P/C	
P/3C: s/o	
2N: inv+ ask	3C: min 3D: ask 3M: P/C 3DH: mid, 6+H/S 3SN: max, 6+H/S
3D: some 5+M, GF	3H: 6+H 3S: 6+S, no support (2-H) 3N+: 6+S, 3+H, feature

in competition

Let's simply use 2D - (X) - P = to play, 2H+ = same, and if 2D is overcalled, X shows "partner please bid your suit" (or convert to penalty if this is your suit).

3.4 vs artificial bids

Double is natrual (or lead-directing) unless otherwise specified.

3.4.1 vs transfer

A transfer opening (preempt) is defined as:

• The bid promises one **specific** higher-ranking suit

• It also counts even if have a strong variant that is not the one promised. ex: 2D = weak H or strong S+C is a transfer opening; but 2D = weak H or weak S is not.

Against transfer openings, since we are allowed to double almost freely, and we have four ways of showing strengths: X then P/X, P then X, and direct cuebid. However, there are some questions: first, how do we want to seperate our hands (or even the more primitive question: what hands do we want to "make a call") into these groups? Second, what is a reasonable assignment? To answer these questions, let's see how these calls are different:

- X then P/X: resp are allowed to make a move after the first X, so these two hands should share a trait indicating "resp can move"
- P then X: resp usually won't move before the second X unless he have t/o strength
- direct cuebid: resp is forced to bid

My suggestions are:

	strength	takeout	allow penalty	penalty
X -> P	weak*	yes		
X -> X	normal	yes	yes	
P -> X	penalty			yes
cue	normal	yes		

*originally couldn't takeout, or t/o minimum. So roughly 9-12/10-13/12-15 at 1/2/3-level

The bidding usually goes like (3C*) - X - (3D) to the responder. He simply replies assuming the overcaller is a weaker takeout hand. If he passes and sees the overcaller doubles again, he would assume the overcaller is a normal takeout hand but with 2-3(4) cards in opponent's suit (with 0-1 cards and the same strength, he will cuebid instead), and is allowed to bid normally or pass to convert to penalty. What do we gain? First, we allow some weaker takeout hands to bid, especially when against a high-level preempt. Second, for normal takeout hands, instead of mixing into (3D) - X, we now allows a real penalty hand to penalize, and a balanced takeout hand to cooperatively penalize.

delayed bid

Let's just assume pass then bid is weaker for now.

3.4.2 vs artificial raise

• vs Drury: t/o

• vs Bergen: t/o

• vs splinter: suggest sacrifice

3.4.3 vs multi

(2D) -	
X: 13-15, or 16+ off-shape	Leb
	(2D) - X - (2M): as if vs 1N-(2M)
2H: t/o to H	Leb
2S: t/o to S	Leb
2N: 16-18 bal	
3m: nat overcall	
3M: 15-18, nat good 6+M	
delayed X: probably still t/o	

3.4.4 vs Ekren

(2H) -	
X: 14+, bal	
2S: C overcall	+1: inv
2N: D overcall	+1: inv
3C: weaker (12-15) mm	
3D: stronger (15-18) mm	
3M: 15-18, nat good 6+M	