

DEFENSIVE AND COMPETITIVE BIDDING

OVERCALLS (Style; Responses; 1/2 Level, Reopening)
sound. CUE are TRF to upper suit (6-9, 10-12, 13-15 w/support or S/O in MAJ or FG w/MIN), MAJ against o/c is F, MIN is N/F
Jump Cue is 6-10 w/4-card SUPP w/ short suit
CUE then raise = 10-12, W raise =13-15, Jump=splint
if overcaller accepts TRF, then ordinary hand, if bypasses TRF, then shows good hand w/own suit or SUPP for TRF suit
1NT OVERCALL (2nd/4th Live; Responses: Reopening)
15-17 HCP, BAL or sandwich (unbid 2suiter)
/15-17: System on (XX→2♣, 2NT→3♣)
/sandwich: TRFs(hhll) are used ,Jump=Pre-empt
Reopen 1NT : 8-15 may not be BAL = system on
JUMP OVERCALLS (Style; Responses; Unusual NT)
1-Suit: Weak 2NT=short suit asking; Raises=PRE, New suit=F1R
2-Suit:Unusual 2NT or showing oM by jump MIN when vul only
namytas 4♣/4♦ OC, leaping Micheal's for 2 suits
Reopen: Intermediate 1x-P-P-2NT=19-20HCP
DIRECT & JUMP CUE BIDS (Style; Responses, Reopen)
Michael's CUE for MAJs or MAJ & MIN
Jump CUE= asks for stopper in the suit w/ running suit
NAMYATS OC, good hand for ♥/♠
VS. NT (vs. Strong / Weak: Reopening; PH)
DBL=pick a MIN; 4♠+longer MIN, both MAJs, a MIN, both MINs
2♣=TRF to ♦; a MIN, 5♠+5m, 4♥+longer another, both minor
2♦=both majors, NAMYATS OC, good hand for ♥/♠
2NT+=transfer to upper suit but NOT showing the suit
BAL POS: X=TRF to 2♣(♣,♦ or even Ms), 2♣=♥ better than ♠
2♦=♠ better than ♥ ♥=♥, ♠=♠
VS. PREEMPTS (Doubles; Cue-bids; Jumps: NT bids)
X=T/O, CUE=LR or better, Unusual over Unusual
Raise=COMP, NT=to play
TRF when they show 1 specific suit of 2 suits.
VS. ARTIFICIAL STRONG OPENINGS
vs 1♣strong : Exclusion bids at 1 level ,
1NT=pupp to 2♣ 2level bids=DONT, over 2NT=pupp to upper suit
vs 2♣strong :DONT, over 2NT=pupp to upper suit
OVER OPPONENT'S TAKEOUT DOUBLE ※29
transfer response (may have support w/value in TRF suit)
2NT/MAJ=LR or better, Raise=PRE, Support X applies
2NT/MIN=PRE, JUMP in other MIN=FG Raise=Limit
1♠/2♠/2♥ shows 1444 6-9/10-12/13+ after DBL / MIN

LEADS AND SIGNALS

OPENING LEADS STYLE			
	Lead	In Partner's Suit	
Suit	3rd/Lo	3rd/Lo	
NT	3rd from honor	3rd from honor	
Subseq	same as above	same as above	
Other:	Lead high (or 2nd high) from worse holdings vs. NT Top of sequence , Top of middle interior sequence		
LEADS			
	Vs. Suit	Vs. NT	
Ace	AKx(+), Ax	AKx(+), CT/UB or Ax(+)	
King	KQ(+), KJTxx(x), Kx, [AK(+)*1]	KQ(+), KJTxx(x), AK(+)*1	
Queen	QJ(+), Qx	QJ(+), QJT9, Qx,AQJx	
Jack	JT(+), HJT(+), Jx	JT(+), HJT(+), Jx	
10	T9(+), HT9(+), Tx	T9(+), HT9(+), Tx	
9	KJ9(x)(xx), 9x	98(+), 9xx, H98(+),	
Hi-x	Sx, HxSx(xx), Sxx after raise	xxS,Sxx, SSxx(+)	
Lo-x	HxS(x), HxxxS, xxxS	HxS(+), HxS, 9xS	
SIGNALS IN ORDER OF PRIORITY			
	Partner's Lead	Declarer's Lead	Discarding
Suit 1	count	count	count
2	suit preference	suit preference	suit preference
3	attitude		attitude
NT 1	count	smith echo	suit preference
2	suit preference	count	count
3	attitude	suit preference	attitude
Signals (including Trumps):			
Trump=S/P or Extra			
*1:Tend to suggest extra hand shape			
DOUBLES			
TAKEOUT DOUBLES (Style, Responses; Reopening)			
Light shape oriented (4441), X then bid = FG			
X then cue bid = extra value			
SPECIAL, ARTIFICIAL & COMPETITIVE (RE)DOUBLES			
Negative, Support, Responsive, Maximum overcall, Maximal			
Stolen TRF (over NT), Action, Impossible, Lead directing			
2♠/♥ fit , 4♠ showing/1♥ OC, 4♥ showing/1♠ OC			
Negative slam , Corporate , Intelligent , Snap Dragon			
Opponent's Cue bid , Opponent's 4NT , business at balance pos			
PSYCHICS: occasionally			
fake suit, fake CTRL, for game, slam trial			



CATEGORY: GREEN ■ ver:8 Feb. 2006
 NCBO : JAPAN (JCBL) ● EVENT: 06 TRIAL for PABF
 PLAYERS KENJI MIYAKUNI KOUSUKE AKAMA

SYSTEM SUMMARY

GENERAL APPROACH AND STYLE
5 card MAJ , 2/1 FG(exc.1♦-2♣,1♠-2♥), open light 1-bids, w/ shape
respond light, terrible PRE at favorable vulnerability,
weak COMP raises
mini splinters , transfer , 1444 showing / T/O DBL
1NT Opening: (14)15-17; 2m OVER 1M Response: FG

SPECIAL BIDS THAT MAY REQUIRE DEFENSE

1♥-1♠ : showing 0-4 cards in ♠ 6+ HCP
1♥-1NT : showing 5+ cards in ♠ 6+ HCP
2♦ : ① weak 2 in MAJ ② 20-21 BAL ③ 1444 18+ HCP
2♥ : 4+,4+ in both MAJ 0-10 HCP usually 9+ cards
2♠ : ♠ & a minor 0-10HCP 5-4 or more
3NT : 6-card semi+ running minor, 2 cards in MAJ suit
4♣/4♦ :NAMYATS, good hand for ♥/♠
2NT : 5+,4+ in both MIN 0-10 HCP usually 10+ cards
1♣-1♦ :maybe 3-cards if weak; 1♣-1M :may bypass ♦
1m-1M :maybe 3-cards if there is no convenient resp
Good-Bad 2NT/4NT when competitive
1♠-2♥ :NAT, NF; 1♦-2♣ :NAT, F1, could be weak
Vs. over call
MAJ,MIN switching response / MAJ OC after MIN opening
transfer after MAJ Michaels cue bid & Jump OC
defenses vs. UNT & MIN Michaels cue bid, art defenses vs 1♥ OC
transfer cue bid & overs after MAJ 1 level OC
SPECIAL FORCING PASS SEQUENCES
PASS , DBL / OC . DBL after LR+ responses w/ 10+ HCP
On the way to check the hand , CTRL , stopper
IMPORTANT NOTES THAT DON'T FIT ELSEWHERE
Changing convention as follows
unPASS or PASSed hand , 3rd 4th seat or not
PSYCHICS: occasionally
fake suit, fake CTRL, for game, slam trial

OPENING	TICK IF ARTIF	MIN. NO. OF CARDS	NEG.DBL THRU	DESCRIPTION	RESPONSES	SUBSEQUENT AUCTION	PASSED HAND, vs OC
1♣ 1♦		3	4♥	11HCP+, 3+ cards may have better minor	1/2/3NT=6-10/10-13/13-15HCP Single raise=FG →LSC+(relay) ※1 Crisscross Limit raise w/o Intervention Over X : crisscross=FG 2♥/♠=1444FG or long ♥FG	4th Suit=F1R, 2way checkback (2♣→2♦,2♦=FG) TRF and Walsh warning after 2NT rebid When 4th suit is higher than 2nd suit FG Closet 2NT or 4th suit after reverse shows weakest . Opener's re-raise after PRE shows PRE	CUE+=transfer, JUMP CUE=TRF to 3NT 2NT/WR / T/O X :pre-empt /LR The bid of coming back more than the cue bid shows TRF ※30 various relay after MAJ fitting by opener ※2
1♥ 1♠		5(4)	4♦	11HCP+, 5+ cards 4+ cards at 3rd , 4th seat	1♠-1NT :F1R , 1♠-2♥ :NF.5+ cards 1♥-1♠:4-♠,1♥-1NT:5+♠ ※31 Single, Double, Triple Raise=6-9, PRE, PRE (-1)(-2)=Limit / 3 supp. LR+ ※3 (-3)(-4)=BAL / Shape FG Raise ※4 Splinter :8-12	1♠-1NT-2m could be 3 cards various relay after single raise ※5 1♠-2♥-2NT=strength , length asking (5656666) ※28 1♥-1NT-2NT=strength ,length asking (56565666) various relay after fitting / FG ※6	reverse drury 2♣ divided by numbers of supp fit showing jump by passed hand (3trump-6) 2NT shows ♣ w/ INV value
1NT			at 3 level	(14)15-17HCP may have 6card minor may have 5card major	2♣=stayman, various relay after stayman ※7 2♦/♥=Jacoby TRF,2♠=minor suit stayman, 2NT=TRF to 3♣ (SO /♣, 4,3 MAJ showingFG) ※8 3♣/3♦=INV w/♣/♦ , 3♥/3♠=5or7♣/♦,SlamTrial 4♣=Gerber 4♦/4♥=TRF to 4♥/4♠ 4NT=QUANT w/(4)333, Walsh relay 2♦ Crawling (drop off) stayman	Reverse second suit showing after Jacoby transfer various relay against intervention ※9 2♦ could be showing 6 cards good MIN MAJ suit responder's self splint shows 6331 Honor asking RKCB after responder's self splint ※10 2♠ / 2♥ after 2♣(=stayman) strength length asking 3♣/3♦ after 2♣ strength CTRL asking in ♦/♣	vs. OC : Bids = transfer, : 2NT= pick a MIN or stopper :transfer Lebenshole is used vs. DBL : RDBL=transfer to 2♣ :3♥/3♠ is short suit warning FG vs.intervention on the way : cards guarding principle bid ※11
2♣	V	0		FG may have few HCP w/shape	CTRL showing step responses 1-/2/AK/3K/4+ 3♦/3♥/♠/NT/♣= 6+♥/♠/♣/♦/♦ 4♦=SOL suit	2NT maybe unBAL various relay (TCA) after 6+ cards showing ※12	vs.OC :pass/DBL=F1R/tend to penalize :2NT/3NT 3-/4+CTRLs w/ stopper(s)
2♦	V	0		1.weak 2♥/2♠ 2,strong BAL 20-21 3,1444,19+HCP	2NT/4♣/4♦ : check hand 3♣/3♦ : TRF to 3D(FG)/MIN stayman 2♥/2♠/3♥/3♠ :pass or correct	2NT; 3♣=maxi, 3♦/3♥=mini ♥/♠, 3NT=BAL. Other=1444 3♣=5cards 3♦/3♥=max♥/♠, 3NT/Other=BAL/1444 5cards weak is used when Nonvul or 3rd only ※13	1 isn't used in 4th seat ※14 DBL by opener shows BAL
2♥	V	4		0-10 HCP 4+ cards in both MAJ	2NT=asking Shape ※15 3♣/3♦ : TRF to 3♦(FG)/MIN stayman	2NT; 3♣=4♠5♥, 3♦/3♥=5♠4♥ mini/maxi, others = 5-5 or more	vs.OC :pass/DBL=to play/NEG vs. DBL : RDBL/2NT=NEG/to play
2♠	V	5		0-10 HCP S & a minor	2NT=Ask, 3m=P/C, 3♥=NAT,FG	2NT; 3♣/3♦=mini, 3♥/3♠=max ♣/♦	vs 3m OC : DBL = pass or correct vs 3M OC : DBL/4♣ = pen/pass or correct
2NT	V			3-10 HCP 5♠ & 5♦ ※16	4/5 points range start 11,10,,8,7 at vul / nonvul 3NT/♣/♦/♥/♠=to play/SO/SO⇒ 3♠/F1R ※27	after 3♥:3♠/3NT/4♣/♦/♥/♠=2+♥max/1-♥/2+♥/// after 3♠:3NT/4♣/4♦/4♥/4♠=1-♠/2+♠//// ※27	vs.OC :pass/DBL=to play/pen
3♣ 3♦		6		PRE	New suit = F1R Jump=MIKE Cue bid ※17 3NT/raise=to play/pre-empt	defensive suit showing after DBL by transfer	maybe full opening hand
SLAM BIDDING., HIGH LEVEL BIDDING							
3♥ 3♠		6		PRE	New suit = F1R Jump=MIKE Cue bid 3NT/raise=to play	variousRKCB (1430), Exclusion RKCB(0314) ,others ※20 NEG slam DBL when we have preempt suit	CDC automatic RKCB on 4MIN ※24 DOPI DEPO step DOPI RKCB by 3NT / MAJ opening Good Bad 2/4NT ※25 FAKE Cue bid when we have rooms
3NT				16-20 6 card semi-running minor suit, 2+card in MAJ	4♣=RKCB, 4♦/4♥=TRF to 4♥/4♠ ※18 4♠=ST w/supp, 4NT=QUANT ST 5♣/5♦=pass or correct	LSCA / MIN opening, 1NT rebid ※21 ASTRO K location bids after TCA ※22 Multi type asking after single raise ※23	automatic RKCB answer / bad 4NT ※26
4♣/4♦	V	0		NAMYATS (good for ♥/♠)	1step=Slam try (Ask uncontrolled suit) ※19	CUE bid interesting in upper suit's CTRL ※17	

※1 Single raise=FG →LSC+(relay)

Opener's 1st relay ; asking length of supp (564777s)
 Opener's 2nd relay ; asking strength (12-14,15-17,18-19,20-21,22-23)
 Opener's 3rd relay ; asking CTRLs (12-14=0-2,15-17=0-4,18-19=0-5)
 Opener's 4th relay ; asking difference of MAJ length after 5 supp
 Opener's 4th relay ; asking shrtness after 6 supp
 Opener's 4th relay ; asking CTRL location after 4 supp ①
 We often change order of asking by combination of pair
 after CTRL location answer followings are same structure as RKCB

※2 various relay after MAJ fitting by opener

(-1)(-2)(-3) from W raise are responder's MAJ fit showing
 (-1) is shortness showing in the suit NOT bid : 12-14 or (18)19-20
 (-2) is shortness showing in the suit NOT bid : 12-14 or (18)19-20
 (-3) is showing supp 15-17(18) a: w/ shortness b 5422 or 4333(18-20)
 after(1)(2)(3) responder can check type & HCP
 after checking responder's relay : ① TCA ② Location ③ ? Q

※3 (-1)(-2)=Limit / 3 supp. LR+

(-1)(-2) from W raise are responder's MAJ fit showing
 (-1) limit raise w/ 4+ supp INV denies good 5 cards MIN suit
 after (-1) : 3NT/cheapest suit/suit=RKCB/TCA/MIKE cue ※17
 (-2) limit raise w/ 3 supp INV denies good 5 cards MIN suit
 after (-2) : 3NT/cheapest suit/+1suit=to play/INV/TCA

※4 (-3)(-4)=BAL / Shape FG Raise

(-3) FG raise w/ 4+ supp w/o shortness, denies good MIN suit
 after (-3) : relay +1/+2/+3/+4=TCA/exclusion(L) TCA/(M)/(H)
 after TCA , CTRL location Bid (ASTRO) will be used
 (-4) FG raise w/ 4+ supp w/ shortness, denies good MIN suit
 after (-3) : 1st relay is shortness asking void/L/M/H singleton
 after (-3) : 2nd relay +1/+2/+3/+4=TCA/exclusion(L) TCA/(M)/(H)
 showing number of CTRL are used by parameter ②

※5 various relay after single raise

opener's : relay +1/+2/+3/+4=check hand/HSGT in (L)/(M)/(H)
 answer of check hand : +1/+2/+3/+4=normal/shortnessL/H/light supp
 2nd relay +1/+2/+3/3NT / normal raise =SSGT in (L)/(M)/(H)/RKCB
 2nd relay +4/+5/+6 / normal raise =exclusion RKCB in (L)/(M)/(H)
 We often use camouflage relay as asking game trial

※6 various relay after fitting / FG

After fitting at 2 level +1/+2/+3/+4 = order showing by steps
 relay+1=①length of trump②contents of responded suit③TCA
 relay by responded suit=①contents ②TCA(all/L/M/H)③Astro
 relay by rebid=①zoom②TCA(all/L/M/H)③Astro
 relay by 3NT=RKCB
 relay by cheapest jump=exclusion(4th suit) RKCB

※7 various relay after stayman

after 2♦ / 2♣
 2♥/2♠/2NT=drop off/strength asking/INVI w/ 3+ cards in both MIN
 3♦/3♣=FG w/ ♣ / ♦
 3♥/3♠=5-5 in both MAJ INVI / FG
 4♣/4♠/4NT=Gerber/slamish 44 in MIN/quantitative ③

※8 2NT=TRF to 3♣ (SO / ♣, 4-3,4-2 MAJ showing FG)

Pass=S.O / ♣
 3♦/3♥/3♠/3NT=43/42--/24/34 MAJ showing

※9 various relay against intervention

1NT-OC(2level),DBL:system on + TRF lebnshol+RDBL(TRF)
 1NT-OC(2level):2NT=pick MIN or pick 3♦ when you have 4+♦
 1NT-Pass-BID-DBL:priority1)guard (acpt/P/RDBL) 2)supp (acpt 2/4)
 1NT-P-2♣-DBL:P/RDBL/Bids=3+/4+/2-♣

※10 Honor asking RKCB after responder's self splint

Answer RKCB When you have a honor in the suit
 Bid first TRUMP suit When you don't have a honor in the suit
 asking suit is 3honor & 4+cards

※11 cards guarding principle bid

first attack from OL is prevented.
 Next, length of supp is considered.
 Information is not exchanged about strength.

※12 various relay after 6+ cards showing

Next step relay : TCA (assumed the suit is Trump)
 3NT : SO (It is continued to show the number of CTRL).
 ASTRO(※22) continues after TCA.

※13 5cards weak is used when Nonvul or 3rd only

Nvul vs vul or nvul at 3rd seat, 2NT is check the hand
 3♣/3♦/3♥/3♠=5cards or light open/good weak 2♥ or 2♠/bal 4♥/4♠
 3NT/4♣/4♦/4♥/4♠=bal w/o 4cards MAJ/1444 19-20/21-22/23-24
 after DBL :TRFs are adopted. CTRL asking(※22) Jump response

※14 1 isn't used in 4th seat

2♥/2♠/2NT/3♣/3♦/3♥/3♠/3NT:0-4/5-7/8+HCP pupTRF upper suit
 3♠/3NT:8+HCP 54/46 MAJ
 2♦-2♥-2NT/2♠/3♣/3♦=Bal/1444/19-20/21-22/23-24////
 2♦-2♠-2NT/3♣/3♦=Bal/1444/19-20/21-22/23-24////
 2♦-2NT-3♣-3♦/3♥/3♠/3NT=5♣4♥/5♣4♠/5+♣ bal/Both MAJ44
 suit bid after 1444 is substituted by the RKCB.
 4♦ is used to warn to stop next bid.

※15 2NT=asking Shape

3♣/3♦/3♥/3♠/3NT=45/54min/54max/55min/55max/56max/65max
 2♥-2NT-3♣-3♦:strength asking // =min/max
 after asking shape 4♣/4♦ are adopted as RKCB for ♥/♠

※16 Principle within the range of pre-empt

It is in the relation between the following by the vulnerability.
 NV(we) vs NV(they) : 5-10 hcp
 NV(we) vs V(they) : 4-8 hcp
 V(we) vs NV(they) : 8-11 hcp
 V(we) vs V(they) : 7-10 hcp
 These rules are influenced in order of the seat.

※17 MIKE Cue bid

If there is CTRL in the upper suit thinks it to be RKCB.
 It returns to Trump if not controlled
 Trump suit do not contain it though the order to answer is used.
 Only when the range has been limited, MIKE Cue bid is used.

※18 4♣=RKCB

4♦/4♥/4♠/4NT=Please ask it in that./14/30/2/2+Q
 3NT-4♣-4♦-4♥/4♠/4NT=14/30/2/2+Q
 3NT-4♠-4NT/5♣/5♦=puppet TRF to 5♣(PorC)/RKCB for ♣/♦

※19 Slam try (Ask uncontrolled suit)

4♣-4♦-4♥/4♠/4NT/5♣/5♦=2 suit unCTRLed/other MAJ/♣/♦/non
 4♦-4♥-4♠/4NT/5♣/5♦=2 suit unCTRLed/other MAJ/♠/♦/non
 Responder voluntarily answer the number of key cards .after asking

※20 variousRKCB (1430), Exclusion RKCB(0314) ,others

splinter's RKCB (check singleton or void)
 voluntarily answer over opp's good bad 4NT
 direct 3NT response / MAJ opening as RKCB

※21 LSCA / MIN opening, 1NT rebid

It answers automatically in the following order.
 L)length 2)strength 3)CTRLs 4)CTRL location
 2♥/♠ shows a fit of ♣/♦ , a signal of the launching at the same time.

※22 ASTRO K location bids after TCA

Holding specific K is shown for the odd number.
 The combination of specific K is shown in case of the even number.
 Being shown by the odd number depends in the following order.
 1) lower suit 2)middle suit 3) higher suit 4)trump suit
 Being shown by the even number depends on the following combination.
 1)same Rank 2)mixed 3)same colour 4)others
 when the suit decreases.The case of the odd number is both used
 in case of the odd number and the even number ①

※23 multi type asking after single raise

1step Relay asks the classification.
 1) normal range 2)min, 4+ supp w/ L shortness 3) M shorness 4)light
 It is SSGT RKCB and exclusion RKCB to continue to this.
 Jumps are MIKE cue bid, 3NT requests to be selected.
 The camouflage is frequently done by the bid of all the invitations.

※24 CDC automatic RKCB on 4MIN

After a fit of the minor is discovered, 4♦ is used as RKCB.
This is called CDC.
4♦ is not used excluding the meaning of RKCB when not competing.

※25 Good Bad 2/4NT

First of all, the bid at the reason for which shape competes with NT
This principle reverses to the partner who passed.
The number of key cards are shown by using the order on the way if not harmful to 4NT's competes

※26 automatic RKCB answer / bad 4NT

When the opponent uses Bad 4NT,
competitor answers assuming that RKCB is done at Compet.

※27 Development after 2NT open

3♥: puppet to 3♠=showing MAJ or RKCB at 4 level
3♠⇒3NT/4♣/4♦/4♥/4♠=56,57,58/RKCB♣/♦/♥/♠
3♠:FG⇒3NT/4♣/4♦/4♥/4♠=1- supp/2+ supp ctrl♣/♦/♥/♠/min♠
3♠-3NT⇒4♣/4♦/4♥/4♠=aupp/aupp/55,65,66,75,76,7785/SO

※28 (56565666)

5,6-7hcp/6,6-7/5,8-9/6,8-9/5,10-12/6+ sin in ♣/♦/♥/non
Responder may not show the shortness of opener.
According to the shape of the hand
HCP is not necessarily in the range.

※29 over opponent's T/O DBL

All suit bids are puppet TRF to the suit above, real suit or value.
Jumps shows splinter w/ 8-10 hcp.
W Jumps shows splinter w/ 11+ hcp.
3NT Game Raise w/ some diffensive trick(s)

※30 shows TRF & switching

- 1)1A-1B-DBL-TRF
- 2)1A-P-1B-1C-DBL-TRF
- 3)1A-1B-2B(+)=TRF
- 4)1A-1M-2m=shows other MAJ constructive hand
- 5)1A-1M-2oM=shows other MIN constructive hand
- 6)1♠-1♦-2♦/♥/♠/3♣/♦=♥NF/♠NF/♣LR/♠FR/TRF to 3NT

※31 1♥-1♠:4 or fewer ♠, 6+ HCP like 1NT(F1R)

- 1)1♥-1♠-1NT:4♠s & 5♥s,11-15
 - 2♣/2♦/2♥/2♠/=relay/suit NF/SO/SO
 - 1♥-1♠-1NT-2♣-2♦/2♥/2♠/=max/min/TRFto♣/2♠s.8-10HCP
 - 1♥-1♠-1NT-2♣-2♦-2♥-2♠/2NT/3♣/3♦/3♥=22/13/31/04/40
 - 1♥-1♠-1NT-2♥-2♠-2♣-2♦/2NT/3♣/3♦/3♥=2♠s,6-7/5♥s,FG/Invi//
 - 2)1♥-1♠-2♠:a)45,16+ HCP b)6+♥s,18+HCP
 - 1♥-1♠-2♠-2NT-3♣/3♦/3♥=4513/4531/6+ not solid/22/6+ solid
- TCA is done following this in any case when these SEQ starts.
Bids that doesn't pass 4♦ shows the start of RKCB or ASTRO.
4♦ shows the start of sign-off in this continuation.
- 3)1♥-1♠-3♣/3♦=55 16-18HCP NF
 - 4)1♥-1♠-2NT:FG It doesn't contain the subject MAJs
 - 5)1♥-1♠-3♥:6+ semi+ suit 16-HCP

① ASTRO CTRL location search

Number of	ans	ans	ans	ans			
Total CTRL	step 1	step 2	step 3	step 4	cont1	cont2	remarks
1	L	M	H	T	trumpQ	sideQ	
2	Rank	Mixed	Color	other	trumpQ	sideQ	
3	L	M	H	T	trumpQ	sideQ	
4	Rank	Mixed	Color	other	trumpQ	sideQ	
5	L	M	H	T	trumpQ	sideQ	
6	Rank	Mixed	Color	other	trumpQ	sideQ	
7	L	M	H	T	trumpQ	sideQ	
8	Rank	Mixed	Color	other	trumpQ	sideQ	
9	L	M	H	T	trumpQ	sideQ	
10	Rank	Mixed	Color	other	trumpQ	sideQ	
11	L	M	H	T	trumpQ	sideQ	
12	Rank	Mixed	Color	other	trumpQ	sideQ	

The existing one or the one that doesn't exist is shown for the odd number.
The combination of Kings is shown in case of the even number.
Q on the side is shown by the combination Q of trump.
ASTRO(+1) or RKCB(+2) is chosen After TCA
after checking of Q, the 3rd CTRL of a certain suit is examined.

② PARAMETER of CTRL showing

Range of	ans	ans	ans	ans			
HCP	step 1	step 2	step 3	step 4	cont1	cont2	remarks
bal 8-10	1-	2	3	4	Astro	trumpQ	
bal 11-14	2-	3	4	5	Astro	trumpQ	
15-17	4-	5	6	7	Astro	trumpQ	
18-19	5-	6	7	8	Astro	trumpQ	
20-21	6-	7	8	9	Astro	trumpQ	
22+	7-	8	9	10	Astro	trumpQ	
Unbal8-10	0	1	2	3	Astro	trumpQ	
Unbal11-14	1-	2	3	4	Astro	trumpQ	
15-17	3-	4	5	6	Astro	trumpQ	
18-19	4-	5	6	7	Astro	trumpQ	
20-21	5-	6	7	8	Astro	trumpQ	
22+	6-	7	8	9	Astro	trumpQ	

Type of	ans	ans	ans	ans			
HAND	step 1	step 2	step 3	step 4	cont1	cont2	remarks
bal	15-	3,16+	4,16+	5,16+	Astro	trumpQ	
unbal	16+	3,15-	4,15-	5,15-	Astro	trumpQ	

③ various relay after stayman

Seq of bids	ans	ans	ans	ans	ans	ans
	step 1	step 2	step 3	step 4	step 5	step 6
2♦-2♥	SO	SO				
2♦-2♠	min	5♣	5♦	2344	3244	(4)333
2♦-2♠-2NT	? MIN	5♥	5♠	(1)444		
2♦-2♠-2NT-3♣	5m	4♣	4♦	44 MIN		
2♦-2♠-2NT-3♣-3♦	5♣	5♦	54,45			
2♦-2NT	5♣	5♦				
2♦-3♣	acpt♦	acpt♦	acpt♦	Bad	acpt♦	RKCB
2♦-3♦	acpt♣	acpt♣	Bad	acpt♣	acpt♣	RKCB
2♦-3♥	SO	SO				
2♦-3♠	Bad	good♥	good♠	bad♥	bad♠	RKCB
2♥-2♠	min,3-♠	min,4♠	max,4♠	max,3-♠		
2♥-2♠-2NT-3♣	acpt♦	acpt♦	acpt♦	Bad	acpt♦	RKCB
2♥-2♠-2NT-3♦	acpt♣	acpt♣	Bad	acpt♣	acpt♣	RKCB
2♥-2♠-2NT-3♥	4-	5	6	7	////	astro
2♥-2♠-2NT-3♠	14	30	2			BW
2♥-3♣	acpt♦	acpt♦	acpt♦	Bad	acpt♦	RKCB
2♥-3♦	acpt♣	acpt♣	Bad	acpt♣	acpt♣	RKCB
2♠-3♥	4-	5	6	7	////	astro

It begins to search for the place of cards Q and K when RKCB ends.
ASTRO starts when TCA ends.
It is not possible to stop excluding 6NT and 7A, excluding the shown trump suit