

NCCC SO2R CLINIC v1.0 * SO2R VIDEO SEGMENTS

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N6RO

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N6RO SO2R #1

N6RO, Ken Keeler, is an absolute Master at SO2R Contest operating. He doesn't let any SO2R grass grow under his feet, and always keeps things tightly moving.

In this SO2R video segment, as Ken is CQing on the right hand Run radio, he calls NU1AW/3 on the left hand Search & Pounce radio, and immediately Ken reverts to calling CQ on the right hand Run radio while copying the exchange from NU1AW/3. As soon as Ken sends his exchange, he once again immediately begins CQing on the Run radio.

It's important to understand that it's okay to abruptly terminate a CQ on the run radio when timing requires sending an exchange to the station being worked on the Search & Pounce radio.

As Ken then continues on to work K5XR on the S&P radio, his constant CQing on the Run radio finally yields a QSO with a very weak KN6Y. While working KN6Y, Ken starts looking for another station to work on the S&P radio. This is exactly how SO2R operating can help maximize contest QSOs...especially when there isn't a lot of activity on the bands as was experienced during the IARU contest.

N6RO SO2R #2

In this SO2R video segment, you'll see Ken making use of the DX Doubler audio routing switch to more easily copy W5GAI's callsign who called right after Ken had finished a previous QSO on the Run radio. This function could also be done with a footswitch to enable both hands to stay on the keyboard.

Ken then resumes 2 radio audio routing, and keeps VE2NSU in his Search & Pounce sites until completing the QSO with W5GAI.

As soon as Ken sends his call to VE2NSU, once again he immediately resumes CQing on the Run radio without skipping a beat. While sending his exchange on the S&P radio, N6EE responds to Ken's CQ on the Run radio. As soon as Ken receives the infamous "TU" from VE2NSU, he sends his exchange to N6EE. Ken could have started tuning the S&P right away, but took a moment to reflect and smile about how cool SO2R can be.

N6RO SO2R #3

In this SO2R video segment, while Ken is CQing on the Run radio, he has lined up VE7RAC in his SO2R sights who is CQing on the Search & Pounce radio. Once again, as soon as Ken calls VE7RAC, he immediately reverts to calling CQ on the Run radio. While his CQs go unanswered, Ken finds K8BB on the S&P radio for another QSO. As soon as Ken sends his exchange to K8BB, W5EA responds to Ken's CQ on the Run radio.

While QSOing W5EA on the right hand Run radio, Ken finds N3BB CQing on the left hand Search & Pounce radio.

N6RO SO2R #4

The following is an annotated video segment I did for my fellow NCCC members shortly after the SO2R Clinic event was over. It demonstrates one of the cool, fun aspects of SO2R...working the same station back to back on two different bands. You will notice that Ken got a big chuckle out of his two-way SO2R dual QSO with Jim, N3BB. This is not an unusual experience for seasoned SO2R operators.

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K7NV

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K7NV SO2R #1

In this SO2R video segment, Kurt is calling CQ on the right-hand Run radio while a possible new station has been in the left-hand Search & Pounce radio.

KO7X responds to Kurt's CQ on the Run radio, while K1K1 starts CQing and works someone else on the Search & Pounce radio. After Kurt sends KO7X "TU K7NV/6", he is immediately called by N6VX. While working N6VX, Kurt discovers K1K1 has moved frequency a bit and re-zero's in on him for an eventual Pounce.

Right after his QSO with N6VX, Kurt is called by a very weak station which turns out to a W5. He works W5ZL while K1K1 QSOs another station and resumes CQing on the Search & Pounce radio. Kurt decides to call K1K1, and while awaiting a response, a delayed call to Kurt comes from KU8E on the Run radio. K1K1 begins calling CQ again, so Kurt ends up working KU8E. So goes the wonderful world of SO2R.

K7NV SO2R #2

In this SO2R video segment, we find Kurt in QSO with K0RF on the left-hand Search & Pounce radio. After getting "73 Kurt" from K0RF, Kurt resumes CQing on the right-hand Run radio. He is called by W4DJ, and Kurt reroutes the CQ radio audio to both ears in the headphones for better copy of the callsign. After completing the QSO, Kurt switches the audio back to normal SO2R listening and finds VE7RAC sending CQ on the Search & Pounce radio.

After dupe-checking VE7RAC as a possible contact, Kurt continues to CQ on the Run radio, and is called by K4AQ. He then works KA0GGI/M while VE7RAC is still running on the Search & Pounce radio. At the end of his QSO with KA0GGI/M, there is no immediate caller so Kurt gives VE7RAC a buzz on the Search & Pounce radio.

Kurt gets a big chuckle as another VE7RAC operator then also calls him on Kurt's Run Radio. When Kurt finishes working VE7RAC on the Search & Pounce radio, he gets a back-to-back QSO with VE7RAC on the Run radio while we hear the 1st VE7RAC op working N5DO on the Search & Pounce radio. Once again, welcome to the exciting world of SO2R Contesting!

K7NV SO2R #3

In this SO2R video segment, a very weak WD9FJL replies to Kurt's CQ on the right-hand Run radio. Kurt already switched the Run radio audio to both ears, as WD9FJL's first call was unintelligible. At the completion of the QSO, Kurt switches back to normal SO2R audio routing and discovers N5DO calling CQ on the Search & Pounce radio.

At the completion of his QSO with N5DO, Kurt resumes tuning the Search & Pounce radio while CQing on the Run radio. He is called by HI8RV for another QSO.

K7NV SO2R #4

This video segment illustrates the SO2R technique of "Dualing CQs". It's a great way to fight Contesting Boredom. If no one answers your CQ on one radio, immediately start CQing on the other radio, and go back and forth until someone calls you.

In this example, Kurt finally gets called by VE7AUR on the left radio. At the end of the QSO, N9CK immediately calls Kurt.

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N6BV
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N6BV SO2R #1

In this SO2R video segment, we begin with N6BV calling CQ on the left-hand Run radio. Dean tunes across Hector, XE2K, on the right-hand Search & Pounce radio for a quick QSO.

Dean resumes calling CQ on the Run radio, but with no takers, finds K5TR on the Search & Pounce radio for another QSO. Unfortunately, band condx were not the best and there seemed to be an lack of station activity. After another CQ and Search & Pounce effort, Dean decided to make some changes.

For beginning SO2R operators, the fact Dean had no responses to his CQs on the Run radio during this video segment, it is an excellent example of the basics of SO2R. That being, to CQ on one radio while Searching & Pouncing for other stations on a 2nd radio which gave Dean 2 QSOs in about half a minute.

N6BV SO2R #2

In this SO2R video segment, Dean combines traditional SO2R along with SO2V (Single Operator, 2 VFO) using his Orion.

After no response to his CQ on one Orion VFO, Dean switches to Search & Pounce with the 2nd VFO and works W5KFT. He then switches back to the CQ VFO on the Orion and resumes Search & Pounce tuning on the 2nd radio where he finds W5KFT again on a different band. Dean opts to respond to NT0F who answered Dean's CQ on the Run radio.

Notice that Dean also manipulates audio routing via his custom SO2R Black Box. In a sense, we perhaps we should call this segment SO3R Contesting!

N6BV SO2R #3

This brief video segment further illustrates SO2V Contesting with a 2 VFO equipped radio.

Dean calls N6ED on the Search & Pounce VFO, then switches to the CQ frequency VFO mode looking for his own callers, and WB2MFU responds.

N6BV SO2R #4

In this SO2R video segment, Dean calls CQ on the left-hand Run radio with the audio in both headphones. W4AW responds for a QSO, and subsequently Dean switches to normal SO2R monitoring as he calls CQ on the Run radio and starts tuning on the Search & Pounce Radio.

When K9RU/M replies, Dean switches the audio back to the Run radio only in both headphones. WB7RKE replies to Dean's CQ, and that QSO is immediately followed by VE3JJJ and W7ZB. Once the Run is over, Dean switches to normal SO2R audio, resumes Search & Pouncing on the 2nd radio while calling CQ on the Run radio where he scores a QSO with a weak but copyable N6RCE.

Dean then CQ's on the Run radio while tuning for another Search & Pounce station. VA6MM calls Dean on the Run radio after a 2nd CQ for another QSO, and then Dean resumes immediate Search & Pounce efforts while CQing again on the Run radio.

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