

1 Net Schedule

Net Day	Time	Group	Channel	Name
Monday	7:00 PM	Delco ARES		Delco ARES Monthly Meeting
Monday	7:30 PM	Delco ARES	DC R1 W3KG BOOTHWYN	Delco ARES Weekly Analog Net
Monday	8:00 PM	MCAR	PD K3PDR U WYNDMOOR	MCAR Weekly PDRA DSTAR Net
Monday	8:15 PM	Delco ARES	DD DW W3AEC LIMA	Delco ARES Weekly Digital Net
Tuesday	7:00 PM	MCAR	EPA R1 N3KZ PHILADELPHIA	MCAR Weekly Digital Net
Tuesday	8:00 PM	MCAR	CA W3PHL VALLEY FORGE	MCAR Weekly PARA Net
Wednesday	7:30 PM	MCAR	BA K3ZMC EARLVILLE	MCAR Weekly PAARC Net
Wednesday	9:00 PM	BCARES	BC R1 K3DN WARMINSTER	BCARES Weekly Analog Net
Thursday	7:00 PM	MCAR	MC R1 AA3E EAGLEVILLE	MCAR Weekly Analog Net
Thursday	7:30 PM	CCAR	CC R1 W3EOC WEST CHESTER	CCAR Weekly Analog Net
Thursday	7:50 PM	CCAR	CC R1 W3EOC WEST CHESTER	CCAR Weekly Digital Net
Sunday	9:00 PM	Philadelphia ARES	PC R1 W3QV ROXBORO	Philadelphia ARES Weekly Analog Net

2 Channels

2.1 Naming Convention Used

- Prefix always included at beginning.
 - For FM Analog Voice Repeaters:
 - For Repeaters associated with ARES:
 - ARES County (DC=Delaware County, BC, MC, CC, PC).
 - For General Amateur Repeaters:
 - PA Repeater County (DA=Delaware County Amateur, BA, MA, CA, PA) or State (NJ, DE).
 - For Digital Voice Repeaters:
 - County (DD=Delaware County, BD, MD, CD, PD).
- Second prefix, included for Repeaters associated with ARES:
 - Type (C=Command, R=Resource, O=Operational, D=Digital, S=Simplex, W=West, E=East, U=UHF, V=VHF, XB=Cross Band), used when needed to show how channel is used, and maybe number (1-9), used when needed to make names unique.
- Repeater Call Sign always included in middle.
- Letter and/or Number (U=UHF, V=VHF, 1-9), used when needed to make names unique
- City/Location always included at end.

Name	Receive	Transmit	Mode	Tone	CTCSS
VERSION 22SEP20	147.54	147.54	FM	None	
DC S1 TACTICAL	146.565	146.565	FM	None	
DC S2 TACTICAL	146.535	146.535	FM	None	
DC S3 TACTICAL	446	446	FM	None	
SIMPLEX CALL	146.52	146.52	FM	None	
DC R1 W3KG BOOTHWYN	446.775	441.775	FM	Tone	88.5 Hz
DC R2 W3AWA MEDIA	145.23	144.63	FM	Tone	131.8 Hz
DC O1 W3KG LIMA	146.94	146.34	FM	Tone	131.8 Hz
DC O2 W3AWA MEDIA	443.65	448.65	FM	Tone	131.8 Hz
SIMPLEX DSTAR CALL	145.6	145.6	DV	None	
DD DW W3AEC LIMA	440.05625	445.05625	DV	None	
DD DE N3AEC DREXEL HILL	440.04375	445.04375	DV	None	
DD XB W3AEC LIMA	440.05625	445.05625	DV	None	
DD XB N3AEC DREXEL HILL	440.04375	445.04375	DV	None	

Name	Receive	Transmit	Mode	Tone	CTCSS
CD DU W3EOC POCOPSON	445.06875	440.06875	DV	None	
CD DV W3EOC POCOPSON	146.49	147.49	DV	None	
MD DU AA3E EAGLEVILLE	445.01875	440.01875	DV	None	
ND DU K2EOC CAMDEN	440.24375	445.24375	DV	None	
PD K3PDR U WYNDMOOR	445.18125	440.18125	DV	None	
PD K3PDR V WYNDMOOR	146.61	146.01	DV	None	
DA W3UER V DARBY	147.36	147.96	FM	Tone	131.8 Hz
DA W3UER U DARBY	444.05	449.05	FM	Tone	131.8 Hz
DA WB3JOE NEWTOWN SQUARE	147.06	147.66	FM	Tone	131.8 Hz
DA K3MN MARPLE	147.195	147.795	FM	Tone	100.0 Hz
DA W3DI MARPLE	442.25	447.25	FM	Tone	131.8 Hz
CC R1 W3EOC WEST CHESTER	446.525	441.525	FM	Tone	100.0 Hz
CC R2 W3EOC BUCKTOWN	446.175	441.175	FM	Tone	100.0 Hz
CC R3 W3EOC OXFORD	448.875	443.875	FM	Tone	100.0 Hz
CC R4 W3EOC COATESVILLE	441.95	446.95	FM	Tone	100.0 Hz
CA W3GMS PARKSBURG	146.985	147.585	FM	Tone	100.0 Hz
CA W3PHL VALLEY FORGE	146.76	146.16	FM	Tone	131.8 Hz
CA WB3JOE PAOLI	145.13	144.53	FM	Tone	131.8 Hz
CA N3KZ VALLEY FORGE	443.800	448.800	FM	Tone	131.8 Hz
MC R1 AA3E EAGLEVILLE	146.835	146.235	FM	Tone	88.5 Hz
MC R2 AA3E GREEN LANE	449.125	444.125	FM	Tone	88.5 Hz
MA N3ZA SOUDERTON	145.19	144.59	FM	Tone	131.8 Hz
MA N3EMY WILLOW GROVE	443.25	448.25	FM	Tone	131.8 Hz
BC R1 K3DN WARMINSTER	147.09	147.69	FM	Tone	131.8 Hz
BC S2 W3BXW FAIRLESS HILLS	147.3	147.9	FM	Tone	131.8 Hz

Name	Receive	Transmit	Mode	Tone	CTCSS
BC S3 W3BXW BENSLEM	444.2	449.2	FM	Tone	131.8 Hz
BA WA3EPA DOYLESTOWN	145.35	144.75	FM	Tone	131.8 Hz
BA W3SK SOUTHAMPTON	146.79	146.19	FM	Tone	131.8 Hz
BA K3ZMC EARLVILLE	147.21	147.81	FM	Tone	131.8 Hz
PC R1 W3QV ROXBORO	147.03	147.63	FM	Tone	91.5 Hz
PC R2 W3QV ROXBORO	444.8	449.8	FM	Tone	186.2 Hz
EPA R1 N3KZ PHILADELPHIA	147.27	147.87	FM	Tone	77.0 Hz
PA WM3PEN CENTER CITY	146.685	146.085	FM	Tone	146.2 Hz
PA W3SBE ROXBORO	442.55	447.55	FM	Tone	91.5 Hz
PA N3KZ PHILADELPHIA	442.400	447.400	FM	Tone	131.8 Hz
NJ KC2QVT WESTAMPTON	147.15	147.75	FM	Tone	127.3 Hz
NJ K2EOC PINEHILL	146.895	146.295	FM	Tone	192.8 Hz
NJ WA3BXW WATERFORD WORKS	147.345	147.945	FM	Tone	127.3 Hz
NJ K2DX MONROE	145.39	144.79	FM	Tone	91.5 Hz
NJ W2MMD PITMAN	147.18	147.78	FM	Tone	131.8 Hz
NJ N2KEJ PENNSVILLE	146.625	146.025	FM	Tone	131.8 Hz
NJ W2ZQ V WEST TRENTON	146.67	146.07	FM	Tone	131.8 Hz
NJ W2ZQ U WEST TRENTON	442.65	447.65	FM	Tone	131.8 Hz
NJ W3BXW VINELAND	447.425	442.425	FM	Tone	131.8 Hz
NJ N3KZ V WATERFORD WORKS	147.43	146.83	FM	Tone	79.7 Hz
NJ N3KZ U WATERFORD WORKS	442.700	447.700	FM	Tone	131.8 Hz
DE W3DRA V WILMINGTON	146.73	146.13	FM	Tone	131.8 Hz
DE W3DRA U WILMINGTON	448.375	443.375	FM	Tone	131.8 Hz
DE W3CER U1 WILMINGTON	444.4	449.4	FM	Tone	100.0 Hz
DE W3CER U2 WILMINGTON	442.5	447.5	FM	Tone	100.0 Hz

Name	Receive	Transmit	Mode	Tone	CTCSS
DE N3KZ WILMINGTON	442.000	447.000	FM	Tone	131.8 Hz

2.2 Designations

Channel	Use	Type
DC R1 W3KG BOOTHWYN	Command	Primary
DC R2 W3AWA MEDIA	Command	Secondary
DC S1 TACTICAL	Command	Tertiary
DC R1 W3KG BOOTHWYN	Resource	Primary
DC R2 W3AWA MEDIA	Resource	Secondary
DC S1 TACTICAL	Resource	Tertiary
DC O1 W3KG LIMA	Operations	Primary
DC O2 W3AWA MEDIA	Operations	Secondary
DC S1 TACTICAL	Operations	Tertiary
DC S1 TACTICAL	Tactical - East	Primary
DC S2 TACTICAL	Tactical - East	Secondary
DC S3 TACTICAL	Tactical - East	Tertiary
DC S2 TACTICAL	Tactical - West	Primary
DC S1 TACTICAL	Tactical - West	Secondary
DC S3 TACTICAL	Tactical - West	Tertiary
DD DW W3AEC LIMA	Voice - Digital	Primary
DD DE N3AEC DREXEL HILL	Voice - Digital	Secondary

2.3 Sets

Name	Version
ICOM 880H OLD	01SEP20

Name	Version
ICOM VHF/UHF	01SEP20

2.3.1 Set Bank

Channel Set	Channel From	Channel To	Bank	Name
ICOM VHF/UHF	0	0	V	V:Version Number
ICOM VHF/UHF	1	4	A	A:Simplex Calling
ICOM VHF/UHF	5	9	B	B:Delco ARES Analog Voice
ICOM VHF/UHF	10	19	C	C:Delco ARES Digital Voice
ICOM VHF/UHF	20	29	D	D:Other Digital Voice
ICOM VHF/UHF	30	39	E	E:Delaware County Amateur
ICOM VHF/UHF	40	44	F	F:Chester County ARES
ICOM VHF/UHF	45	49	G	G:Chester County Amateur
ICOM VHF/UHF	50	54	H	H:Montgomery County ARES
ICOM VHF/UHF	55	59	I	I:Montgomery County Amateur
ICOM VHF/UHF	60	64	J	J:Bucks County ARES
ICOM VHF/UHF	65	69	K	K:Bucks County Amateur
ICOM VHF/UHF	70	74	L	L:Philadelphia County ARES
ICOM VHF/UHF	75	79	M	M:Philadelphia County Amateur
ICOM VHF/UHF	80	94	N	N:New Jersey Amateur
ICOM VHF/UHF	95	99	O	O:Delaware Amateur

2.3.2 Set List

Channel Set	Channel #	Name	Bank	Bank #
ICOM VHF/UHF	0	VERSION 22SEP20	A:Simplex Calling	1
ICOM VHF/UHF	1	DC S1 TACTICAL	A:Simplex Calling	2
ICOM VHF/UHF	2	DC S2 TACTICAL	A:Simplex Calling	3
ICOM VHF/UHF	3	DC S3 TACTICAL	A:Simplex Calling	4
ICOM VHF/UHF	4	SIMPLEX CALL	A:Simplex Calling	5
ICOM VHF/UHF	5	DC R1 W3KG BOOTHWYN	B:Delco ARES Analog Voice	1
ICOM VHF/UHF	6	DC R2 W3AWA MEDIA	B:Delco ARES Analog Voice	2
ICOM VHF/UHF	7	DC O1 W3KG LIMA	B:Delco ARES Analog Voice	3
ICOM VHF/UHF	8	DC O2 W3AWA MEDIA	B:Delco ARES Analog Voice	4
ICOM VHF/UHF	10	SIMPLEX DSTAR CALL	C:Delco ARES Digital Voice	0
ICOM VHF/UHF	11	DD DW W3AEC LIMA	C:Delco ARES Digital Voice	1
ICOM VHF/UHF	12	DD DE N3AEC DREXEL HILL	C:Delco ARES Digital Voice	2
ICOM VHF/UHF	13	DD XB W3AEC LIMA	C:Delco ARES Digital Voice	3
ICOM VHF/UHF	14	DD XB N3AEC DREXEL HILL	C:Delco ARES Digital Voice	4
ICOM VHF/UHF	20	CD DU W3EOC POCOPSON	D:Other Digital Voice	2
ICOM VHF/UHF	21	CD DV W3EOC POCOPSON	D:Other Digital Voice	3
ICOM VHF/UHF	22	MD DU AA3E EAGLEVILLE	D:Other Digital Voice	4
ICOM VHF/UHF	23	ND DU K2EOC CAMDEN	D:Other Digital Voice	5
ICOM VHF/UHF	25	PD K3PDR U WYNDMOOR	D:Other Digital Voice	7
ICOM VHF/UHF	26	PD K3PDR V WYNDMOOR	D:Other Digital Voice	8
ICOM VHF/UHF	30	DA W3UER V DARBY	E:Delaware County Amateur	1
ICOM VHF/UHF	31	DA W3UER U DARBY	E:Delaware County Amateur	2
ICOM VHF/UHF	32	DA WB3JOE NEWTOWN SQUARE	E:Delaware County Amateur	3
ICOM VHF/UHF	33	DA K3MN MARPLE	E:Delaware County Amateur	4

Channel Set	Channel #	Name	Bank	Bank #
ICOM VHF/UHF	34	DA W3DI MARPLE	E:Delaware County Amateur	5
ICOM VHF/UHF	40	CC R1 W3EOC WEST CHESTER	F:Chester County ARES	1
ICOM VHF/UHF	41	CC R2 W3EOC BUCKTOWN	F:Chester County ARES	2
ICOM VHF/UHF	42	CC R3 W3EOC OXFORD	F:Chester County ARES	3
ICOM VHF/UHF	43	CC R4 W3EOC COATESVILLE	F:Chester County ARES	4
ICOM VHF/UHF	45	CA W3GMS PARKSBURG	G:Chester County Amateur	1
ICOM VHF/UHF	46	CA W3PHL VALLEY FORGE	G:Chester County Amateur	2
ICOM VHF/UHF	47	CA WB3JOE PAOLI	G:Chester County Amateur	3
ICOM VHF/UHF	48	CA N3KZ VALLEY FORGE	G:Chester County Amateur	4
ICOM VHF/UHF	50	MC R1 AA3E EAGLEVILLE	H:Montgomery County ARES	1
ICOM VHF/UHF	51	MC R2 AA3E GREEN LANE	H:Montgomery County ARES	2
ICOM VHF/UHF	55	MA N3ZA SOUDERTON	I:Montgomery County Amateur	1
ICOM VHF/UHF	56	MA N3EMY WILLOW GROVE	I:Montgomery County Amateur	2
ICOM VHF/UHF	60	BC R1 K3DN WARMINSTER	J:Bucks County ARES	1
ICOM VHF/UHF	61	BC S2 W3BXW FAIRLESS HILLS	J:Bucks County ARES	2
ICOM VHF/UHF	62	BC S3 W3BXW BENSALEM	J:Bucks County ARES	3
ICOM VHF/UHF	65	BA WA3EPA DOYLESTOWN	K:Bucks County Amateur	1
ICOM VHF/UHF	66	BA W3SK SOUTHAMPTON	K:Bucks County Amateur	2
ICOM VHF/UHF	67	BA K3ZMC EARLVILLE	K:Bucks County Amateur	3
ICOM VHF/UHF	70	PC R1 W3QV ROXBORO	L:Philadelphia County ARES	1
ICOM VHF/UHF	71	PC R2 W3QV ROXBORO	L:Philadelphia County ARES	2
ICOM VHF/UHF	72	EPA R1 N3KZ PHILADELPHIA	L:Philadelphia County ARES	3
ICOM VHF/UHF	75	PA WM3PEN CENTER CITY	M:Philadelphia County Amateur	1
ICOM VHF/UHF	76	PA W3SBE ROXBORO	M:Philadelphia County Amateur	2

Channel Set	Channel #	Name	Bank	Bank #
ICOM VHF/UHF	77	PA N3KZ PHILADELPHIA	M:Philadelphia County Amateur	3
ICOM VHF/UHF	80	NJ KC2QVT WESTAMPTON	N:New Jersey Amateur	1
ICOM VHF/UHF	81	NJ K2EOC PINEHILL	N:New Jersey Amateur	2
ICOM VHF/UHF	82	NJ WA3BXW WATERFORD WORKS	N:New Jersey Amateur	3
ICOM VHF/UHF	83	NJ K2DX MONROE	N:New Jersey Amateur	4
ICOM VHF/UHF	84	NJ W2MMD PITMAN	N:New Jersey Amateur	5
ICOM VHF/UHF	85	NJ N2KEJ PENNSVILLE	N:New Jersey Amateur	6
ICOM VHF/UHF	86	NJ W2ZQ V WEST TRENTON	N:New Jersey Amateur	7
ICOM VHF/UHF	87	NJ W2ZQ U WEST TRENTON	N:New Jersey Amateur	8
ICOM VHF/UHF	88	NJ W3BXW VINELAND	N:New Jersey Amateur	9
ICOM VHF/UHF	89	NJ N3KZ V WATERFORD WORKS	N:New Jersey Amateur	10
ICOM VHF/UHF	90	NJ N3KZ U WATERFORD WORKS	N:New Jersey Amateur	11
ICOM VHF/UHF	95	DE W3DRA V WILMINGTON	O:Delaware Amateur	1
ICOM VHF/UHF	96	DE W3DRA U WILMINGTON	O:Delaware Amateur	2
ICOM VHF/UHF	97	DE W3CER U1 WILMINGTON	O:Delaware Amateur	3
ICOM VHF/UHF	98	DE W3CER U2 WILMINGTON	O:Delaware Amateur	4
ICOM VHF/UHF	99	DE N3KZ WILMINGTON	O:Delaware Amateur	5

2.3.3 Set Revision

Channel Set	Name	Revision Date	Revision Notes
ICOM VHF/UHF	18FEB20 - Initial 880H Memory	Feb 18, 2020	Readout of the ID-880H channel programming, pre dates 18FEB2020, no changes

Channel Set	Name	Revision Date	Revision Notes
ICOM VHF/UHF	01MAR20 - Incorporate CK review changes	Mar 01, 2020	<p>Incorportate Chris Kelleher (CK) W3CTK review comments incorporated, completely (C) or partial (P) or need to discuss (ND).</p> <p>Initials, Michael Thomas (MT) - KB3SUS Mike Korejwo (MK) - KB3HMR Robert Famiglio (RF) - K3RF</p> <p>1. (CK) (ND) Channels # 7 & 41 are duplicates. 7 appears to be correctly named. (MK) this relates to comment 6 channel naming, need to discuss, sometimes several repeaters have the same call sign. I believe W3AEC and N3AEC occupie several channels opertating in different modes (FM, DSTAR Voice).</p> <p>2. (CK) (C) Channels # 40 & 100 are both listed online with PL Tone of 100.0. ARCC lists the PL TONE: 131.8 also checked the Repeater Book that also lists the PL tone as 131.8. No change. (MK) Added REV HISTORY sheet, links to the arcc-inc.org (Area Repeter Coordination Council) for PA & NJ and TMARC for DE. This is the authority for repeaters unless it is purposfully not listed (what then??? MK).</p> <p>3. (CK) (ND) Digital Channels 12, 13, 15 & 19 I couldn't find information online to validate. (MK) Need to discuss, these are the DSTAR ARES channels the delcoares.org site, http://www.delcoares.org/ARES%20Repeaters.htm has good basic information but has many errors due to changes over the past 10 years. The site need updating. This channel memories update effort will be used to update the web site.</p> <p>4. (CK) FM Channels 34, 73, 81, 84 & 85 again I couldn't find information online to validate. (MK) Did not look at this yet as of 01MAR2020.</p> <p>5. (CK) (C) For the channel numbers, I like the sequences that were used, leaving gaps in between, keeping our channels up top, and grouping areas together. I would just suggest reserving 0 for a version number of the channels programmed into the radio, and keep them from 01-99. (MK) Agreed done.</p> <p>6. (CK) (ND) For channel naming, I prefer the station call sign over a location name, and initials like DC if they are DelcoARES specific. Of course everyone has their own personal preference here, and I doubt we'll be able to come up with something we all agree with, and that will display on all of the radio units we use. (MK) Not sure how to proceed on this one. I think the call sign with a</p>

Channel Set	Name	Revision Date	Revision Notes
			<p>unique suffix as Chris recommends is a good way to go. Any reason that this may not work?</p> <p>7. (CK) (ND))At the very least, the channel names should be unique. The ones here have some multiples for the same location name, making it very difficult to coordinate which channel to use. (MK)Agreed, need to sort out some of the previous issues first.</p>
ICOM VHF/UHF	03MAR20 - Resequence Channels	Mar 03, 2020	Resequence channel numbers
ICOM VHF/UHF	17AUG20 - Minor channel corrections	Aug 17, 2020	<p>DELETED CHANNELS: 22, 35, 77, 88, 89 (These were old placeholder channels which are no longer in use)</p> <p>RENUMBER CHANNELS: 90 to 88 (W3BXW VINELAND), 20 to 25 (K3PDR U WYNDMOOR), 8 to 15 (EPA R1 N3KZ PHILADELPHIA)</p> <p>W3BXW Vineland NJ renumbered and changed according to ARCC information.</p> <p>ADDED CHANNELS: 43 (CC R4 W3EOC COATESVILLE) Chester County W3EOC backup unlinked channel in Coatesville.</p> <p>CORRECTED CHANNELS: 21, 23, 24 DSTAR Digital Channels Corrected. 21 - W3EOC - Chester County DSTAR Digital. 23 - AA3E - Montgomery County DSTAR Digital. 24 - K2EOC - Camden County DSTAR Digital.</p> <p>VARIOUS CHANNELS - Descriptions updated for consistency.</p>
ICOM VHF/UHF	19AUG20 - Consistent Prefixes on all, minor channel corrections	Aug 19, 2020	<p>ALL CHANNELS - Added Prefixes to all channels for consistency. Added prefixes "?A" for amateur stations</p> <p>VARIOUS CHANNELS - Descriptions and abbreviations updated for consistency.</p> <p>CHANNELS - Delco DSTAR Switched Channels 10, 11 and 12, 13 to put primary DSTAR West first in order. Location "FAIR ACRES" changed to "LIMA" for Delstar West to match DSTAR location name.</p>

Channel Set	Name	Revision Date	Revision Notes
ICOM VHF/UHF	24AUG20 - Changes for Bucks County Channels W3SK, K3DN	Aug 24, 2020	W3SK Channel Number changed from 60 to 66, renamed. K3DN Channel Added as 60, Primary Bucks Co ARES. Added Channel 19, DSTAR Simplex Calling Channel.
ICOM VHF/UHF	01SEP20 - Added Channel 8, 67, corrected call sign Channel 7	Sep 01, 2020	Corrected channel 7 call sign W3KG Added new channel 8 for W3AWA UHF O2 Added new channel 67 for MCAR PAARC Net on Wednesdays
ICOM VHF/UHF	22SEP20 - Added Channels for N3KZ 48, 77, 89, 90, 99	Sep 22, 2020	N3KZ Repeaters added at suggestion of Bob K3RF 48 - CA N3KZ VALLEY FORGE 77 - PA N3KZ PHILADELPHIA 89 - NJ N3KZ V WATERFORD WORKS 90 - NJ N3KZ U WATERFORD WORKS 99 - DE N3KZ WILMINGTON Delco DSTAR Channels, moved channels 10-13 up by 1 each to 11-14. Moved simplex DSTAR from channel 19 to 10.