

LIMA 2002 NATIONAL RADIO CLUB CONVENTION

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Welcome & Introduction

Welcome to the 2002, National Radio Club Convention. Your host city for the convention is Lima, Ohio. Lima is located on I-75 between Dayton and Toledo. If you are an amateur radio operator, your will be in Grid Square EN70 at

Christopher Stark Wood brought his family to Allen County in 1824. A typical pioneer, Christopher Wood has been named the "Father of Lima." He was the first Clerk of Bath Township and was named Town Director in 1831 when Lima and Allen County were established. The first local government was established in Allen County when Bath Township was organized in 1829 with Christopher Stark Wood as its first Clerk. Jurisdiction of the township covered most of the present-day area of Allen and Auglaize Counties.

The Ohio Legislature directed that a county seat for Allen County be established and this was done April 20, 1831. The town was named after Lima, Peru, the source of the "quinine bark" used for the treatment of "swamp fever" or malaria in pioneer days. Original boundaries of Lima were North Street on the north, West Street in the west, Ottawa River on the south and Central Avenue on the east, with a "parade ground", our present public square, in the center. Lima was incorporated in 1842.

By 1940, Lima's population totaled 44,711 with 73,303 persons in Allen County. During World War II, Lima industry ranked high in the production of transportation equipment such as locomotives and army and navy vehicles, General Sherman tanks, power shovels and cranes, electric motors and electric equipment for aircraft, marine Diesel engines and steel castings. One of the nation's three modification centers for tanks and motorized military vehicles was built here and was operated on a peacetime basis as the Lima Ordinance Depot.

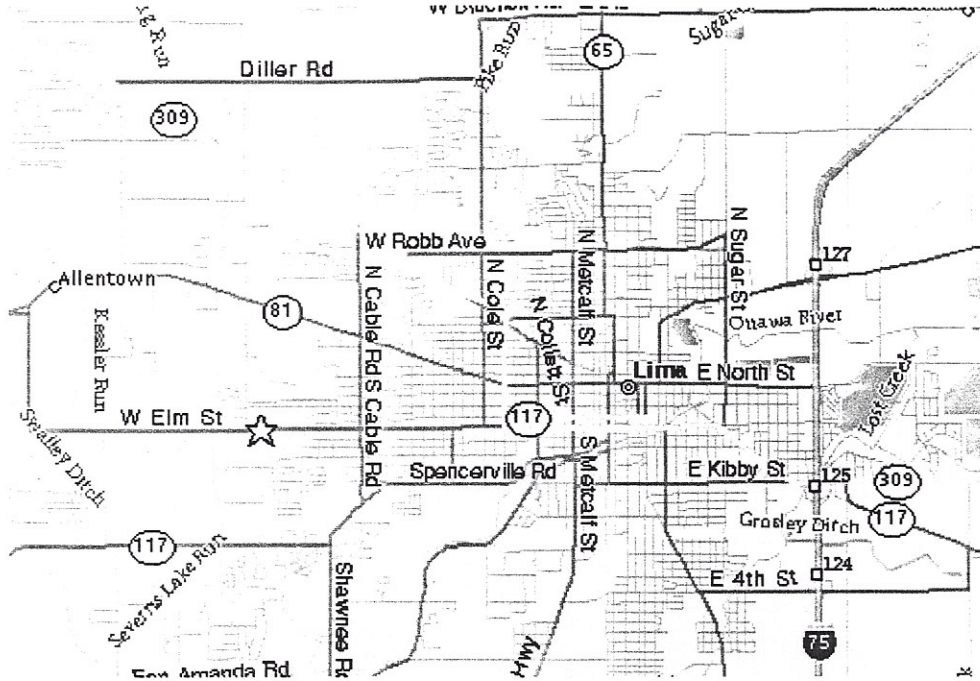
The population of Lima MSA population is 155,084, with 56,200 households. The average age of a resident in Lima is 36. Homes are, on average, \$83,000 with apartments at \$450. Retail sales in Allen County are projected to be \$2.64-billion¹. Lima is home to the Premcor refinery and the Army's tank plant, where they make many of the vehicles used for warfare.

From a broadcast standpoint, Lima is in a very densely packed area. You won't find any open spaces on the dial, even on the FM educational portion. While the television band is not packed, there are three high power stations, and several low power facilities in the area. However, don't let the congestion of the dials fool you. There is some great DX out there, if you are patient and listen. Use the log in the back to log stations.

¹ Allen County Economic Development Group, 2/2002

The Convention Banquet

Our banquet will be held at the "Old Barn Out Back Restaurant" located on Lima's West Side. The address is 3175 West Elm Street, across from the American Mall. Location is the red star.



← Hampton Inn
1933 Roschman
corner of 309/117

The dinner will be an all you can eat buffet, with your choice of drink (on alcohol), plus desert. Be sure that you get to the restaurant on time!

Business Meeting and Auction

We will have the business meeting upon return to the hotel. The meeting will last about 15 minutes to a half-hour. At that time we will announce the location of the next convention, as well as award the "DXer of the Year".

The auction will be right after the business meeting. Please bring down your auction items either prior to leaving for the restaurant, or bring them to the hospitality room immediately when you return from the restaurant.

Your Lima AM Log

530	1130
540	1140
550	1150
560	1160
570	1170
580	1180
590	1190
600	1200
610	1210
620	1220
630	1230
640	1240
650	1250
660	1260
670	1270
680	1280
690	1290
700	1300
710	1310
720	1320
730	1330
740	1340
750	1350
760	1360
770	1370
780	1380
790	1390
800	1400
810	1410
820	1420
830	1430
840	1440

850	1450
860	1460
870	1470
880	1480
890	1490
900	1500
910	1510
920	1520
930	1530
940	1540
950	1550
960	1560
970	1570
980	1580
990	1590
1000	1600
1010	1610
1020	1620
1030	1630
1040	1640
1050	1650
1060	1660
1070	1670
1080	1680
1090	1690
1100	1700
1110	
1120	1710 WNRC - Convention Radio

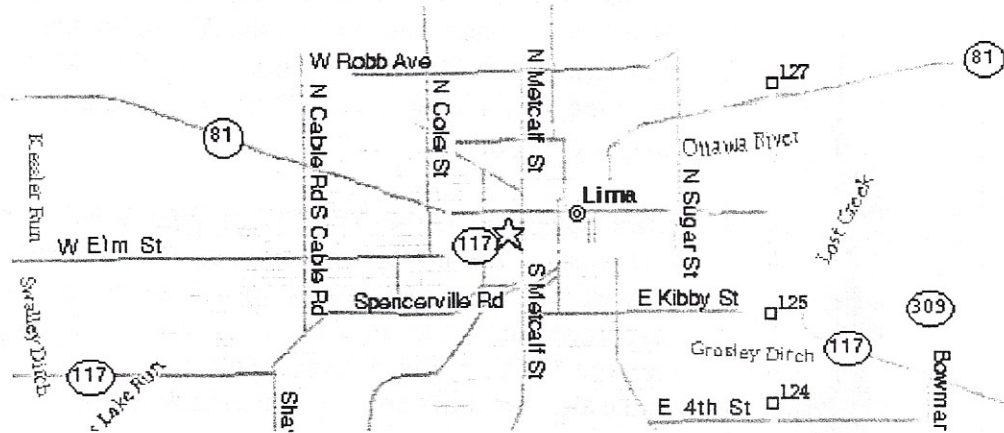
Your Lima FM Log

88.1	98.1
88.3	98.3
88.5	98.5
88.7	98.7
88.9	98.9
89.1	99.1
89.3	99.3
89.5	99.5
89.7	99.7
89.9	99.9
90.1	100.1
90.3	100.3
90.5	100.5
90.7	100.7
90.9	100.9
91.1	101.1
91.3	101.3
91.5	101.5
91.7	101.7
91.9	101.9
92.1	102.1
92.3	102.3
92.5	102.5
92.7	102.7
92.9	102.9
93.1	103.1
93.3	103.3
93.5	103.5
93.7	103.7
93.9	103.9
94.1	104.1
94.3	104.3
94.5	104.5
94.7	104.7
94.9	104.9

95.1	105.1
95.3	105.3
95.5	105.5
95.7	105.7
95.9	105.9
96.1	106.1
96.3	106.3
96.5	106.5
96.7	106.7
96.9	106.9
97.1	107.1
97.3	107.3
97.5	107.5
97.7	107.7
97.9	107.9

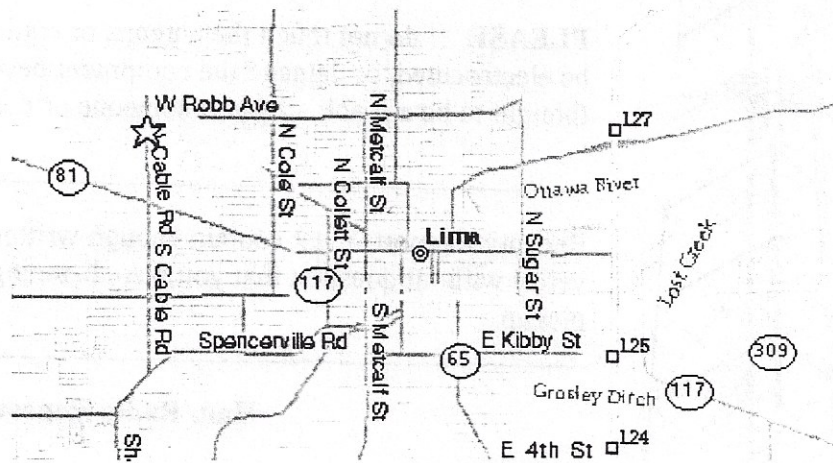
Your Lima TV & Utility Log

Radio Media Giants



Clear Channel Broadcasting is located at 667 West Market Street, Lima OH 45801. The Clear Channel cluster consists of the following:

- | | | |
|-------|------|---|
| 1150 | WIMA | News Talk & Fox Sports / Art Bell overnights |
| 102.1 | WIMT | Country & Western |
| 106.3 | WBUK | Oldies (was 107.5). Station licensed to Ottawa OH |
| 107.5 | WZRZ | Album Rock (was 106.3 "The Eagle") |



Forever Broadcasting is located at 1301 Cable Road, Lima OH 45805. The Forever Broadcasting stations consist of the following:

- | | | |
|-------|------|--|
| 940 | WLJM | Urban "9-40 The Jams" |
| 92.1 | WZOQ | CHR "92-Zoo" (licensed to Wapakoneta OH) |
| 93.1 | WFGF | Country & Western "Froggie 93" |
| 104.9 | WUZZ | Hot AC "Wuzz (was) 104" |

WNRC

WNRC will be on the air for the 2002 National Radio Club Convention. WNRC will transmit at 1710 on the AM radio dial, the power output of the transmitter is 30 watts. In addition to the AM station, WNRC will also be on the World Wide Web so members unable to attend can listen to what is going on.

Since we will be on the World Wide Web, WNRC will facilitate the broadcasts of the business meeting, auction, and events from the convention. When there are no specific events going on, members are encouraged to take an air shift. If you would like to go on the air, please see Fred Vobbe or Phil Wayne. They will be happy to assist you in going on the air. Air shifts are first come, first served.

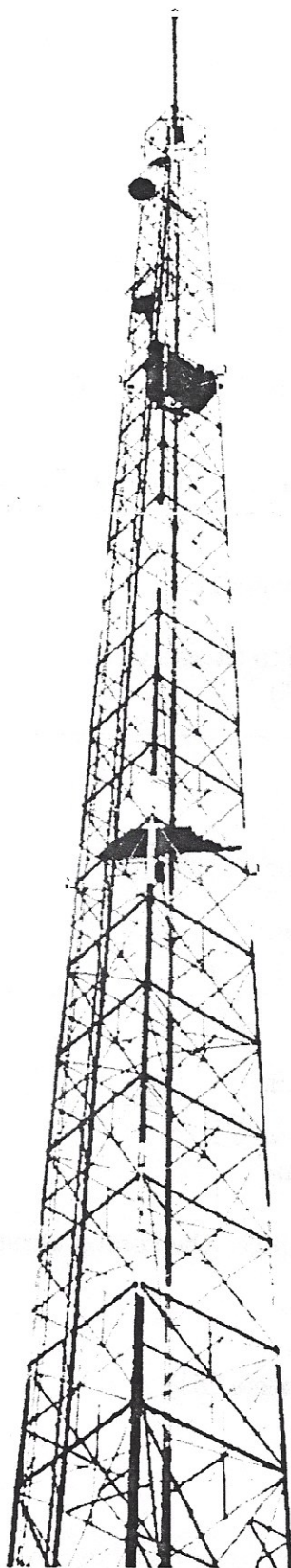
To facilitate the web cast we will be using two frequencies. 450.925 will take us out of the Hampton Inn to a downtown location. From downtown the signal will relay on 26.410 in narrow band FM to the location of the server. This 26.410-megahertz frequency (at the top of the short-wave band, and just below the Citizens Band), has a good chance of propagating hundreds of miles. When a local television station uses this link it has been heard in California and Arizona with good clarity. QSLs for this link will be issued by WLIO Television. Your convention host will give out QSLs for reception of WNRC-1710.

PLEASE ... do not touch the antenna or equipment of WNRC. You can be electrocuted, or damage the equipment beyond repair. What might be thought to be a prank, can hurt someone or destroy equipment.

Reception reports must contain enough written information to accurately verify without question that you were listening to WNRC or the remote pickup.

Ham Radio Repeaters

The W8H DU 2-meter repeater is on 145.370. The input is -600 kHz or 144.770. A PL of 100.0 hertz is required. The repeater is also linked with a 6-meter repeater on a frequency of 53.630 (input 52.630) PL of 100.0 hertz. On 443.625 MHz you will find the W8H DU UHF repeater. It is a stand alone repeater with an input of 448.625 and a PL of 100.0 hertz. It also broadcasts Amateur Radio Newsline Sat-1900, Sun-0800, and Mon-1900.



The World Famous National Radio Club Quiz

Lima, Ohio - 2002

Name: _____

Rules of Engagement

Place an "X" in the box of the correct answer. Score one point for each correct question. Check only one box. No answer is an incorrect answer. Multiple checks are incorrect answers. If you check the wrong box, and wish to change your answer, circle the box that is your correct choice. Comments, explanations, or justifications are not accepted. All questions are from National Radio Club historical records, DX News, or DX Audio Service. If there is a tie, winner will be picked by a drawing. The ruling of the quiz-master is final. Any comments, critiques, or complaints should be filed with the Department of Whining and Tirade (bafoon@bureaucrat.gov). Void where prohibited.

1). Bruce Conti authors a cartoon panel with a cat as its star. What is the cat's name?

- [A] - Logo the DXer [B] - G. Gordon Kitty
[C] - Loco [D] - Newfiecat

2). What is the frequency of Hancock County's only AM radio station? (hint: it's 30 miles NE).

- [A] - 1340 kHz. [B] - 1330 kHz.
[C] - 1320 kHz. [D] - 1310 kHz.

3). In DX News (Vol 69 #23), Wayne Heinen reported 560-WEBC in Duluth having a new format. What was it reported to be?

- [A] - News/Talk [B] - ESPN Sports
[C] - All Oldies [D] - Danish folk tunes

4). In DXAS issue 207 (June 2002) Fred Vobbe introduced the magazine from what famous yearly event?

- [A] - Leamington's Tomato Festival.
[B] - Reopening of the Bethany Relay Station.
[C] - Lima's Train Days.
[D] - Dayton Hamvention.

5). How many issues are there in one year's DX News subscription?

- [A] - 12 issues [B] - 24 issues
[C] - 30 issues [D] - 52 issues

6). How many "D" Cell batteries are needed in a G.E. Super Radio III?

- [A] - Three [B] - Four
[C] - Six [D] - None, it's AC only.

7). WTDY in Madison, Wisconsin, operates on what expanded band frequency?

- [A] - 1640 [B] - 1660
[C] - 1670 [D] - 1680

8). This station, which you can hear in Lima, began life on 3/31/1925 with 500 watts on 1320. It's now 50,000 watts. Who is it?

- [A] - WOWO [B] - WLW
[C] - WTAM [D] - CKLW

9). I had the distinction of having the most southerly transmitter site of all Canadian stations, at 42-degrees north. This is the same as Chicago IL, Rome Italy, and Boston MA. Who was I?

- [A] - CFTR/680 [B] - CKWW/580
[C] - CKWX/1130 [D] - CHYR/710

10). What is the least number of antennas radiating at nighttime on a "U5" station?

- [A] - 3 (at 1/3 power) [B] - 5 at full power
[C] - 2 at various powers [D] - 1 tower

11). If you were driving within 100 miles of the convention, and heard Jimmy Swaggert on a station at 730 kHz, what station might it be?

- [A] - WJYM (Bowling Green, Ohio)
 - [B] - WACE (Chicopee, OH)
 - [C] - WVFN (Lansing, MI)
 - [D] - WMTC (Vancleve, IN)
-

12). CHLO, which was on 1570 kHz, was also on what other AM frequency?

- [A] - 680 kHz [B] - 710 kHz
 - [C] - 1250 kHz [D] - 1510 kHz
-

13). What frequency near Lima OH went silent in the past year?

- [A] - 940 kHz [B] - 1080 kHz
 - [C] - 1250 kHz [D] - 1570 kHz
-

14). How many towers does CKLW have?

- [A] - One tower [B] - Two towers
 - [C] - Four towers [D] - Six towers
-

15). *Tech or Guess....* If WNRC, operating at 1710 kHz was to have a true 1/4-wave tower, how high would it be?

- [A] - 80-feet tall [B] - 180-feet tall
 - [C] - 210-feet tall [D] - 143-feet tall
-

16). According to Thomas H. White's January 1st, 2002 article on 3-letter calls, what do the call letters WGH stand for?

- [A] - Walter G. Hollings
 - [B] - World's Greatest Harbor
 - [C] - Wixom General, Hastings (VA)
 - [D] - Welcome, Go Home
-

17). How many tower(s) sit on the WJR site?

- [A] - One tower [B] - Two towers
- [C] - Three tower [D] - Four towers

18). On June 2nd, 1933, what call sign and station was deleted?

- [A] - CBX in Harrow ON (Canada)
 - [B] - KPO in San Francisco CA
 - [C] - WCX in Detroit MI
 - [D] - WNJ in Newark NJ
-

19). If WNRC was a legal directional day and night station, what time would the pattern changes take place on August 31, 2002?

- [A] - 5:45A / 7:30P [B] - 6:00A / 8:00P
 - [C] - 7:00A / 7:00P [D] - 5:30A / 9:00P
-

20). Between 1920 and 1930, where did the call sign "KABC" reside?

- [A] - Fortuna, California
 - [B] - San Antonio, Texas
 - [C] - San Francisco, California
 - [D] - Billings, Mountana
-

21). Back in 2000, if you heard an announcer say, "*WNAP... home of Gospel Highway 11*", where would this station been located?

- [A] - Indianapolis, Indiana
 - [B] - Petosky, Michigan
 - [C] - Fairlane, Ohio
 - [D] - Norristown, Pennsylvania
-

22). Driving northeast of Lima, OH, what is the first AM radio station you will encounter?

- [A] - WLJM/Lima [B] - WFRO/Fremont
 - [C] - WFIN/Findlay [D] - WFRQ/Vobville
-

23). On June 30, 1925, what station was on 560 kilohertz?

- [A] - KLX Oakland, California (500 watts)
- [B] - KYW Chicago, Illinois (1,500 watts)
- [C] - WQTE Monroe, Michigan (100 watts)
- [D] - WJZ New York, New York (1,000 watts)

24). Still on June 30, 1925.... what two stations operated on 630 kilohertz?

- [A] - WFAA/WBAP [B] - CFCO/CHIR
[C] - WMAL/WMEX [D] - WHLO/KDWB
-

25). According to the AM Switch in v69, #29, what is the frequency of the new station application in Fargo, North Dakota?

- [A] - 650 kHz, 50000/500 (10000 CH) U7
[B] - 749 kHz, 50000/1400 (8800 CH) U7
[C] - 880 kHz, 2000/500 U4
[D] - 1200 kHz, 50000/5000 U2
-

26). According to the AM Switch in v69, #29, what is the frequency of the grant of a new station in St. Cloud, Florida?

- [A] - 1110 kHz, 2500/500 U4
[B] - 1120 kHz, 2500/500 U4
[C] - 1150 kHz, 2500/500 U4
[D] - 1160 kHz, 2500/500 U4
-

27). According to the AM Switch in v69, #29, an experimental station for KRVA in Cockrell, Texas was dismissed. What frequency was this station (KR2XVA) to be on?

- [A] - 1600 kilohertz
[B] - 1620 kilohertz
[C] - 1630 kilohertz
[D] - 1700 kilohertz
-

28). According to the DDXD West in v69, #29, what widely heard non-broadcast station has been absent from the airwaves?

- [A] - WPKL358, 1610 kHz, Lincoln RI. TIS by the Rhode Island Department of Transportation.
[B] - KPH703, 1610 kHz, the TIS for Allen County Chamber of Commerce.
[C] - WPLR660, 1640 kHz, the American Airlines station at D.F.W.
[D] - WPTU717, 1620 kHz, Ocean City NJ. TIS for the area with emergency information.
-

29). They stole our western call sign!! Ok, what is the frequency of KNRC in Littleton CO?

- [A] - 600 kilohertz
[B] - 1230 kilohertz
[C] - 1510 kilohertz
[D] - 1700 kilohertz
-

30). Fred Vobbe worked for "Honey Radio" in Monroe MI in the early 80s. WHNE is back, playing oldies, but where is it?

- [A] - Royal Oak, Michigan
[B] - Toledo, Ohio
[C] - Mount Clements, Michigan
[D] - Saline, Michigan
-

31). On average, if WLJM goes off the air at night, what are you likely to hear?

- [A] - 1150 in Hamilton, Ontario
[B] - 1140 in Richmond, Virginia
[C] - 940 in Macon, Georgia
[D] - 940 in Montreal, Quebec
-

32). What is the closest station to Lima, Ohio, on the frequency of 1550?

- [A] - WTOD in Toledo, Ohio
[B] - WSHN in Fremont, Michigan
[C] - WDLR in Delaware, Ohio
[D] - WPTW in Piqua, Ohio
-

33). Is 1330 in Campbell, Ohio, on the air?

- [A] - Yes [B] - No
[C] - Day only [D] - Night only
-

34). In the AM Radio Log, 22nd Edition, page 11, what is the first station listed under 540 kHz.?

- [A] - KASG Atmore, Alabama
[B] - CIAO Brampton, Ontario
[C] - KSRK Carmel Valley, California
[D] - KNOE Monroe, Louisiana

35). This station was once WEAQ in Eau Claire, Wisconsin. What are the calls of this station on 790 according to the AM Radio Log?

- [A] - WAAY [B] - WAYS
 [C] - WAYY [D] - WEAU

36). What format is the station on 1030 in Sterling Heights, Michigan?

- [A] - Universal Football League (Sports)
 [B] - Country & Western
 [C] - Religious
 [D] - Spanish

37). According to the 22nd edition AM Radio Log, what is the night power of KTBK in Sherman, Texas?

- [A] - 100 watts
 [B] - 700 watts
 [C] - 1,000 watts
 [D] - 7,000 watts

38). Are there any broadcast stations on 1610?

- [A] - Yes, in the U.S. and Canada
 [B] - Yes, in the U.S. only
 [C] - Yes, in Canada only
 [D] - No, it's reserved for TIS stations only

39). What jingle company donated jingles to the National Radio Club for the DX Audio Service and WNRC?

- [A] - Pams of Dallas
 [B] - TM/Century
 [C] - Wawro-Vobbe Productions
 [D] - Chris Cuomo Steel Drum Band

40). Who is Mark Durenberger?

- [A] - Soon to be president of the N.A.B.
 [B] - Editor on the D.X. Audio Service
 [C] - DDXD-North Editor (ID, MT, MN, ND, WI and all of Canada
 [D] - Next convention host.

Place your answers below.....

	A	B	C	D
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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