(Programs listed in The State Journal are checked to the last possible moment. Changes may be made, however, at the discretion of stations and networks.)

What's on the Air

FREQUENCIES

WIBA	1310	WCFL	1000	WMAQ	670
WHA	970	WIBU	1240	WGN	720
WLW	700	WENR	890	WIND	560
WBBM	780	WTMJ	620	WJJD	1160
WCCO	830	KMOX	1120	WLS	890

Series Shows How Allies Are Beating Axis on Seas

Battle Stations, a series of dramatizations showing how America's armed forces slowly but surely are defeating the Axis on the seas, will be presented in four weekly broadcast over WIBA starting at 7:30 tonight.

The first two programs will tell of the Battle of the Atlantic. They will describe how the army air forces and the civilian air patrol, with but a flimsy handful of weapons, swept the German submarine from American waters.

The first program also will show how our sea and air power grew from a mere threat to a battering ram of destruction. Famous "firsts" such as the launching of a seaplane from a warship, global flights, dive bombings, skip bombing technique, lighter than air pioneering and polar flights, will be dramatically portrayed.

Other features tonight:

Drama

7:30 p. m. — Food for Freedom (WHA): war-front incidents reveal importance of Wisconsin poultry and eggs . . . **Death Valley Days** (WBBM): story of Yolo, faithful Alaskan dog.

8:30 p. m. — The Weird Circle (WGN): "The Narrative of Arthur Gordon Pym," by Edgar Allen Poe.

9 p. m. — The First Line (WBBM): naval aviation gunners.

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Discussion

7:30 p. m. — America's Town Meeting (WLS): "Should the Small Countries of Europe Keep Their Pre-War Boundaries?" Prince Hubertus Lowenstein, Emil Lengyel, Norman E. Isaacs, Dr. Edward C. Elliott.

FRANK PARKER
WIBA at 8:30

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Music

6 p. m. — Fred Waring (WIBA): salutes Ft. Benning parachute school.

7:30 p. m. — Harmony Hall (WGN): hits from "Oklahoma!"; "Tea for Two," "Smoke Gets in Your Eyes."

8:30 p. m. — Spotlight Bands (WENR): Russ Morgan.

10:30 p. m. — Masterworks of Music (WIBA): Brahms' second symphony.

11:15 p. m. — Music at War (WMAQ): salutes coast guard, merchant marine.

12 p. m. — Music You Want (WENR): E. Powers Biggs, organist; Dorothy Maynor, soprano, in Bach program.

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Variety

8 p. m. — Bing Crosby (WIBA): with Mrs. Uppington of Wistful Vista.

8:30 p. m. — Joan Davis and Jack Haley (WIBA): with Frank Parker.

WIBA Tonight

5:00 NBC News Reports
5:05 NBC Music by Shrednik
5:30 News Edition
5:45 Sports Parade
5:55 News Reports
6:00 NBC Waring's Victory Tunes
6:15 Dinner Melody
6:30 NBC Life with Fred Brady
7:00 NBC Blind Date
7:30 NBC Battle Stations
8:00 NBC Music Hall
8:30 NBC Joan Davis & Jack Haley
9:00 NBC Durante-Moore-Cugat
9:30 Soldiers of the Press
9:45 Music of the Day
10:00 Night News Edition
10:15 BLU Raymond Gram Swing
10:30 Masterworks of Music
11:00 NBC News Edition
11:05 NBC Groover Boys & Janette
11:30 NBC Three Suns Trio
11:55 NBC News

WHA Tonight

5:00 Musical Varities
5:30 Adventure Stories
5:45 Afternoon News
6:00 Organ Reverie
6:30 Masterworks of Music
7:30 Food for Freedom
7:45 Evening News

Other Stations Tonight

5:00 Terry and the Pirates—WENR
5:00 Prayer; Quizmaster—WIBU
5:15 University Special—WIBU
5:15 Hop Harrigan—WENR
5:30 Safety Legion—WGN
5:30 Jack Armstrong—WENR
5:45 Archie Andrews—WENR
5:45 Superman—WGN
6:00 I Love a Mystery—WCCO
6:00 Fred Waring Orch.—WTMJ
6:15 Harry James—WBBM WCCO
6:15 Lum and Abner—WIBU
6:30 Easy Aces—WBBM KMOX
6:30 The New Eve—WLS
6:30 Hollywood Theater—WTMJ
6:45 Confidentially Yours—WIBU
6:45 Mr Keen—WBBM KMOX
6:45 H. V. Kaltenborn—WMAQ
6:45 Key to Happiness—WGN
7:00 Variety Show—WBBM WCCO
7:00 Blind Date—WMAQ WTMJ
7:15 Confidentially Yours—WGN
7:15 Lum and Abner—WLS
7:30 Harmony Hall—WGN
7:30 America's Town Meeting—WLS
7:30 Death Valley Days—WBBM
7:30 Battle Stations—WMAQ
8:00 Music Hall—WMAQ WTMJ
8:00 America's Town Meeting—WENR
8:00 Gabriel Heatter—WIBU WGN
8:00 Major Bowes' Amateurs—WBBM
8:30 The Weird Circle—WGN
8:30 Joan Davis—WMAQ WTMJ
8:30 Spotlight Bands—WENR
8:30 Stage Door Canteen—WBBM
8:31 Harmony Hall—WIBU
9:00 Raymond Clapper—WGN
9:00 This is Our Enemy—WIBU
9:00 Durante and Moore—WMAQ
9:00 Raymond Gram Swing—WENR
9:00 The First Line—WBBM WCCO
9:15 Sanders & Savage—WGN
9:15 Lulu & Johnny—WENR
9:30 Hello—WMAQ WTMJ
9:30 Public Affairs—WBBM WCCO
9:30 For Distinctive Service—WGN
9:45 Nightcap Yarns—WGN
9:45 John B. Kennedy—WBBM WCCO
10:00 Fulton Lewis, Jr.—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring Orch.—WMAQ
10:00 Summer Symphonette—WENR
10:15 Uncle Sam—WTMJ
10:30 Rumpus Room (to 11)—WTMJ
10:30 Fred Brady—WMAQ
10:45 Blue Jacket Seabag—WBBM
11:05 Rumpus Room—WTMJ
11:05 Art Kassel Orch.—WGN
11:05 Will Osborne Orch.—WBBM
11:15 Music at War—WMAQ
11:15 Lew Diamond Orch.—WENR
11:30 Eddie Oliver Orch.—WENR
11:30 Boyd Raeburn Orch.—WBBM
11:30 Griff Williams Orch.—WGN
11:45 Three Suns Trio—WMAQ
12:00 Night Watch (to 6)—WIND
12:00 Music You Want—WENR
12:00 Emile Petti Orch.—WMAQ
12:05 Jimmy Blade Orch—WBBM
12:05 Lawrence Welk Orch.—WGN
12:15 Eddy Howard Orch.—WGN
12:30 Sonny Dunham Orch.—WENR
12:30 Charlie Wright Orch.—WBBM
12:30 Pot Luck—WMAQ
12:35 Carl Ravazza's Orch.—WGN
1:00 Swing Shift (to 3)—WENR

WIBA Friday

MORNING

6:00 Morning Parade
7:00 NBC World News
7:15 Musical Clock
7:30 State Journal News Edition
7:50 Musical Clock
8:50 Notes of Love
9:00 Accent on Youth
9:15 NBC The Open Door
9:30 Ziegeuner Fantasy
9:45 Voice of the Army
10:00 NBC Road of Life
10:15 The Texas Rangers
10:30 News
10:40 Interlude
10:45 NBC David Harum
11:00 Linda's First Love
11:15 The Editor's Daughter
11:30 Perpetual Notions
11:50 The Farm Roundup

AFTERNOON

12:00 News Reports
12:05 Farm Roundup
12:30 Noon News Edition
12:50 Market Reports
1:00 NBC Guiding Light
1:15 NBC Lonely Women
1:30 NBC Light of the World
1:45 The Texas Rangers
2:00 We Have Met the Enemy
2:15 NBC Ma Perkins
2:30 Music of the Day
2:45 NBC Right to Happiness
3:00 BLU Frolics
3:15 NBC Stella Dallas
3:30 NBC Lorenzo Jones
3:45 NBC Young Widder Brown
4:00 Campus Jamboree

EVENING

5:00 We Too Serve
5:15 NBC Dant's Orchestra
5:30 News Edition
5:45 Sports Parade
5:55 News Report
6:00 NBC Waring Victory Tunes
6:15 NBC News of the World
6:30 Dinner Melody
6:45 NBC H. V. Kaltenborn
7:00 NBC Concert Hour
7:30 NBC All Time Hit Parade
8:00 NBC Waltz Time
8:30 Truax Field Calling
9:00 NBC Tommy Riggs
9:30 Music of the Day
9:45 NBC To Be Announced
10:00 Night News Edition
10:15 Treasury Parade
10:30 Masterworks of Music
11:00 NBC News Report
11:05 NBC Paul Martin's Music
11:30 NBC Dance Orchestra
11:55 NBC News Reports

WHA Friday

MORNING

7:30 Band Wagon
7:45 Morning News
7:58 Program Review
8:00 Music You Want
8:30 Morning Melodies
9:20 News and Views
9:30 Fun Time
9:50 Musical Interlude
10:00 Homemakers' Program: We'll Check for Spoilage, Catherine Personius: "Jonathan Wood"
10:30 American History Since 1914
11:20 News of Wisconsin
11:30 Noon Musicale

AFTERNOON

12:20 Noon News
12:30 Farm Program: The War Model State Fair, Gordon Crump; The Farm Question Box, Rupert Rasmussen
1:00 Chapter a Day
1:30 19th Century Literature, Prof. Paul Fulcher
2:20 Musical Interlude
2:30 Music of the Masters
3:30 Reading for Wartime
4:00 Alpine Melodies
4:30 Student Round Table

EVENING

5:00 Musical Varieties
5:30 Adventure Stories
5:45 Afternoon News
6:00 Chamber Musicale
6:30 Masterworks of Music
7:00 Worth Repeating: C. J. Hambro, "A League to Insure World Peace"
7:55 Evening News

Other Stations Friday

MORNING

6:00 Paul Gibson—WBBM
6:00 Farm News—WLS
6:00 Breakfast Frolic—WJJD
6:00 Top o' the Morning—WTMJ
6:15 Yawn Patrol—WIND
6:15 Everett Mitchell—WMAQ
6:15 Morning Devotions—WLS
6:30 Family Bible League—WIND
6:30 The Farm Hour—WGN
7:00 Pats Gallicchio—WMAQ
7:01 Farm Service—WIBU
7:15 Dr. Preston Bradley—WGN
7:30 Wishing Well—WBBM
8:00 Mountain Theater—WLS
8:00 Musical Clock—WIBU
8:00 Your Neighbor—WMAQ
8:15 Know the Answer?—WBBM
8:30 Breakfast Club—WLS
8:45 Wishing Well—WGN
9:00 Lora Lawton—WMAQ WTMJ
9:00 Valiant Lady—WBBM WCCO
9:00 Songs of a Dreamer—WLS
9:15 Open Door—WTMJ WMAQ
9:15 Kitty Foyle—WBBM WCCO
9:30 Shady Valley Folks—WIBU
9:30 Helpmate—WMAQ WTMJ
9:30 Honeymoon Hill—WBBM WCCO
9:45 Bachelor's Children—WBBM
9:45 Hollywood Theater—WMAQ
10:00 Road of Life—WMAQ WTMJ
10:00 Breakfast at Sardi's—WLS
10:15 Second Husband—WBBM WCCO
10:15 Vic & Sade—WMAQ WTMJ
10:30 Safety Court—WJJD
10:30 Snow Village—WMAQ WTMJ
10:30 Bright Horizon—WBBM WCCO
10:30 Eddie and Fannie—WLS
10:45 David Harum—WMAQ WTMJ
10:45 Aunt Jenny's Stories—WBBM
11:00 The Editor's Daughter—WMAQ
11:00 Martha and Helen—WLS
11:00 Guiding Light—WTMJ
11:00 Kate Smith Speaks—WBBM
11:00 Boake Carter—WGN
11:15 Linda's First Love—WGN
11:15 Lonely Women—WTMJ
11:15 Big Sister WBBM WCCO KMOX
11:30 Romance of Helen Trent—WBBM
11:30 Light of the World—WTMJ
11:45 Revelle Roundup—WMAQ
11:45 Big Sister—WTMJ
11:45 Our Gal Sunday—WBBM WCCO

AFTERNOON

12:00 Dinnerbell Time—WLS
12:00 Heinie—WTMJ
12:00 Life Can Be Beautiful—WBBM
12:15 Ma Perkins—WBBM WCCO
12:30 Loop Noonday Service—WJJD
12:30 Vic and Sade—WBBM
12:45 Dearest Mother—WMAQ
12:45 The Goldbergs—WBBM WCCO
1:00 Guiding Light—WMAQ
1:00 Life Can Be Beautiful—WTMJ
1:00 Young Dr. Malone—WBBM WCCO
1:15 Joyce Jordan—WCCO WBBM
1:15 Lonely Women—WMAQ
1:30 Light of the World—WMAQ
1:30 Aunt Jenny—WTMJ
1:30 We Love & Learn—WBBM
1:45 Betty Crocker—WMAQ
1:45 Pepper Young—WBBM KMOX
2:00 Morton Downey—WLS
2:00 Mary Marlin—WMAQ WTMJ
2:15 Ma Perkins—WMAQ WTMJ
2:30 Gospel Hour—WIBU
2:30 Pepper Young—WMAQ WTMJ
2:45 Try and Stump Us—WBBM
2:45 Right to Happiness—WMAQ
2:55 Cubs vs. Cincinnati—WGN WJJD WCFL
3:00 Blue Frolics—WENR
3:00 Home Front Reporter—WBBM
3:00 Backstage Wife—WMAQ WTMJ
3:15 Stella Dallas—WMAQ WTMJ
3:30 The Mystery Chef—WENR
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Widder Brown—WMAQ WTMJ
4:00 When a Girl Marries—WMAQ
4:15 Russian War Relief—WIBU
4:15 Portia Faces Life—WMAQ
4:30 Chick Foster—WIBU
4:30 Just Plain Bill—WMAQ WTMJ
4:45 Front Page Farrell—WMAQ
4:45 American Women—WBBM
4:45 Dick Tracy—WENR

EVENING

5:00 Terry & The Pirates—WENR
5:00 Prayer; Quizmaster—WIBU
5:15 University Special—WIBU
5:15 Hop Harrigan—WENR
5:30 Safety Legion Time—WGN
5:30 Jack Armstrong—WENR
5:45 Superman—WGN WIBU
5:45 Archie Andrews—WENR
6:00 Fred Waring—WTMJ
6:00 I Love a Mystery—WCCO
6:15 Lum and Abner—WIBU
6:15 Our Secret Weapon—WBBM
6:30 Lone Ranger—WLS
6:30 Easy Aces—WBBM KMOX
6:45 Key to Happiness—WGN
6:45 H. V. Kaltenborn—WMAQ
6:45 Mr Keen—WBBM KMOX
7:00 Concert Hour—WMAQ WTMJ
7:00 Meet Corliss Archer — WBBM
7:15 Casting Office—WGN
7:15 Parker Family—WLS
7:30 Sherlock Holmes—WIBU WGN
7:30 Carnegie Hall—WMAQ WTMJ
7:30 Meet Your Navy—WLS
7:30 Thin Man—WBBM WCCO
8:00 Gabriel Heatter—WIBU WGN
8:00 Playhouse—WBBM WCCO KMOX
8:00 Gang Busters—WENR
8:00 Waltz Time—WTMJ WMAQ
8:30 Brewster Boy—WBBM WCCO
8:30 Spotlight Bands—WENR
8:30 People Are Funny—WMAQ
8:30 Double or Nothing—WGN WIBU
9:00 Cedric Foster—WGN
9:00 Thanks to the Yanks—WBBM
9:00 John W. Vandercook—WENR
9:00 Betty Lou—WMAQ WTMJ
9:15 Lulu and Johnny—WENR
9:30 Bill Stern—WTMJ WMAQ
9:30 Three Sisters—WBBM WCCO
9:30 Soldiers With Wings—WGN
9:30 Uncle Sam—WIBU
9:30 Alec Templeton—WENR
9:45 Rep. V. Marcantonio—WMAQ
9:45 Bill Henry—WBBM
10:00 Fulton Lewis, Jr.—WGN
10:00 Summer Symphonette—WENR
10:00 I Love a Mystery—WBBM
10:00 Fred Waring Orch.—WMAQ
10:15 So the Story Goes—WBBM
10:30 Rumpus Room—(to 11)—WTMJ
10:45 Pan American Spotlight—WMAQ
11:05 Horace Heidt Orch.—WBBM
11:05 Rumpus Room—WTMJ
11:05 Griff Williams Orch.—WGN
11:15 Joe Venuti Orch.—WENR
11:15 Road to Danger—WMAQ
11:30 Eddie Oliver Orch.—WENR
11:30 Lawrence Welk Orch.—WGN
11:30 Charlie Wright Orch.—WBBM
11:45 Ted Straeter Orch.—WMAQ
12:00 Music You Want—WENR
12:00 Nite Watch (to 6)—WIND
12:00 Emile Petti Orch.—WMAQ
12:05 Eddy Howard Orch.—WGN
12:05 Ray Pearl Orch.—WBBM
12:30 Boyd Raeburn Orch.—WBBM
12:30 Pot Luck—WMAQ
12:30 Sonny Dunham Orch.—WENR
12:35 Armand Buisseret Orch.—WGN
12:45 Carl Ravazza's Orch.—WGN
1:00 Swing Shift (to 3)—WENR

News Broadcasts

TONIGHT

5:00	KMOX WCFL	8:45	WIND
5:00	WIND WIBA	9:00	WIND WCFL
5:00	WCCO WBBM	9:00	WGN WENR
5:15	WMAQ	9:45	WENR WBBM
5:25	WGN	9:45	KMOX WCCO
5:30	KMOX WJJD	10:00	WIND WCFL
5:30	WBBM WCCO	10:00	WGN WIBU
5:30	WIBA WTMJ	10:00	WTMJ WIBA
5:45	WHA WCCO	10:15	KMOX WCCO
5:45	WMAQ WBBM	10:15	WIBA WMAQ
5:55	WIBA WBBM	10:30	WIBU WENR
6:00	WBBM WIBU	10:30	WGN WBBM
6:00	WLS WIND	10:45	WENR WGN
6:05	WBBM	11:00	WTMJ KMOX
6:15	WMAQ WTMJ	11:00	WIBA WBBM
6:30	WIND WCFL	11:00	WIBU WIND
6:30	WIBU WGN	11:00	WGN WENR
6:45	WMAQ	11:00	WCCO WMAQ
7:00	WLS WIND	11:55	WMAQ WCFL
7:25	WIBU	11:55	WIBA WENR
7:30	WIND WCFL	12:00	WBBM WGN
7:45	WHA	12:00	WGN
7:55	WBBM KMOX	12:55	WMAQ WENR
8:00	WIBU WCFL	1:00	WGN WIND
8:00	WIND WGN	2:00	WIND (also 3, 4, and 5)
8:15	WGN		
8:30	WCFL		

FRIDAY

	A. M.	3:55	WENR
6:00	WMAQ WIND	4:00	WIND
6:30	KMOX WTMJ	4:40	WENR
6:45	WLS	5:00	WIND WCFL
6:55	WMAQ WBBM	5:00	WBBM KMOX
7:00	WCFL KMOX	5:15	WMAQ
7:00	WBBM WJJD	5:25	WGN
7:00	WIBA WLS	5:30	WBBM WJJD
7:00	WTMJ WIND	5:30	WTMJ WIBA
7:10	WGN	5:45	WHA WCCO
7:15	WBBM WJJD	5:45	WBBM WMAQ
7:30	WIBA WTMJ	5:55	WBBM WIBA
7:45	WJJD WHA	6:00	WBBM WIBU
7:55	WMAQ WTMJ	6:00	WLS WIND
8:00	WIND KMOX	6:05	WBBM
8:00	WGN WBBM	6:15	WIBA
8:15	WLS WMAQ	6:15	WMAQ WTMJ
8:25	WTMJ	6:30	WIND WCFL
8:30	WCCO	6:30	WIBU WGN
8:40	WMAQ	6:45	WIBA WMAQ
8:45	WIND	7:00	WLS WIND
8:55	WJJD	7:25	WIBU
9:00	WGN	7:30	WIND WCFL
9:15	WCFL	7:45	WCFL
9:20	WHA	7:55	WHA WBBM
9:30	WLS WIBU	8:00	WIBU WCFL
10:00	WGN WIND	8:00	WIND WGN
10:00	WIBU WJJD	8:15	WGN
10:30	WIBA WIND	8:45	WIND
10:45	WLS	9:00	WGN WIBU
11:00	WIND WGN	9:00	WENR WIND
11:10	WJJD	9:45	WIND WCCO
11:20	WHA	9:45	WBBM WENR
11:30	WMAQ	10:00	WIND WCFL
11:30	WIBU WGN	10:00	WGN WTMJ
	P. M.	10:00	WIBA WIBU
12:00	WIBA WJJD	10:15	KMOX WMAQ
12:00	WCFL WIND	10:30	WIBU WENR
12:15	WIBU	10:30	WGN WBBM
12:20	WHA	10:45	WGN WENR
12:30	WMAQ WLS	11:00	WCCO WBBM
12:30	WGN WIBA	11:00	WTMJ KMOX
12:45	WCFL KMOX	11:00	WIND WIBU
12:55	WTMJ	11:00	WIBA WENR
1:00	WIND WCFL	11:00	WGN WMAQ
1:30	WIBU WJJD	11:55	WCFL WIBA
1:30	WLS WCFL	11:55	WMAQ WENR
1:45	WGN	12:00	WGN WBBM
1:55	WTMJ	12:55	WMAQ WENR
2:00	WIND WCFL	1:00	WGN WIND
2:00	WBBM WIBU	2:00	WIND
2:15	KMOX	3:00	WIND
2:30	WGN WLS	4:00	WIND
3:00	WIBU WIND	5:00	WIND
3:30	WBBM		

Sports Reviews

TONIGHT

5:00	WJJD	6:05	WIND
5:15	WGN WIND	7:05	WCFL
5:45	WIBA WTMJ	8:55	WENR
6:00	KMOX	12:30 a. m.	WGN

FRIDAY

	P. M.	5:45	WIBA WTMJ
2:15	WIND	6:00	KMOX
2:30	WIND WJJD	6:05	WIND
2:40	WJJD	7:05	WCFL
2:45	WGN WCFL	7:55	WGN WIBU
3:15	WIND	8:55	WENR
4:15	WIND	9:30	WTMJ WMAQ
5:00	WJJD	12:30 a. m.	WGN
5:15	WGN WIND		

Markets

FRIDAY

A. M.		P. M.	
6:25	KMOX	12:00	WIBU
11:00	WIBU	12:10	WIBU
11:30	WLS	12:35	WIBU
11:45	WLS	12:45	WGN
		12:50	WIBA WLS
		1:15	WLS
		1:00	WJJD

Lawson Little to Play in Charity Benefit Golf Meet

DETROIT —(U.P.)— Lawson Little, former National Open and amateur golf champion, will play with Capt. Walter Hagen's Challengers in the charity match against the Ryder Cup squad at Plum Hollow course here Saturday and Sunday, it was announced today.

Word that Little, now serving in the Navy, will be able to play was received today by Hagen and J. Russell Gnau, promoter of the matches which are expected to raise approximately $40,000 for the Red Cross.

Craig Wood, Captain of the Ryder Cup squad, and Hagen already have announced pairings for Saturday's four-ball matches, They are:

Byron Nelson - Harold (Jug) McSpaden, (Ryder Cup) vs. Melvin (Chick) Harbert - O'Neill (Buck) White; Jimmy Demaret-Lloyd Mangrum (Ryder Cup) vs. Willie Goggin-Sam Byrd; Craig Wood-Sgt. Vic Ghezzi (Ryder Cup) vs. Jimmy Thomson-Bobby Cruickshank; and Frank Walsh-Gene Sarazen (Ryder Cup) vs. Harry Cooper-Walter Hagen.

Great Lakes Drub Oshkosh All-Stars

OSHKOSH—(U.P.)— The Great Lakes Bluejackets smothered the Oshkosh All-Stars Wednesday night, 25-0. George Harder, Bluejacket pitcher who formerly played with New Orleans and Columbus, held Oshkosh to two hits, both made by Outfielder Barney Spannbauer. Johnny Mize and Barney McCosky, former major leaguers, hit home runs for the Navy team.

Defense sandbags are being made from domestic fiber in British East Africa.

Buddy Scott Stops Bowden in Fifth Round

JACKSON, Fla. —(U.P.)—Buddy Scott, Tampa heavyweight, knocked out Jim Bowden of Jacksonville in the fifth round of a scheduled 10-round bout here Tuesday. Scott floored Bowden twice before the knockout.

Boston U. Abandons Grid Sport This Fall

BOSTON —(U.P.)— Boston University will abandon varsity football this fall because prospects of material are so slim that fielding a team appears virtually impossible, Athletic Director John R. Harmon announced today.

Uncle Ray's Corner

WHALES SPOUT MOIST AIR, NOT WATER

OLD-TIME fishermen often spoke of "big spouts of water" coming from the heads of whales. When they told such stories, they were speaking of what they thought they saw, not of what they really saw.

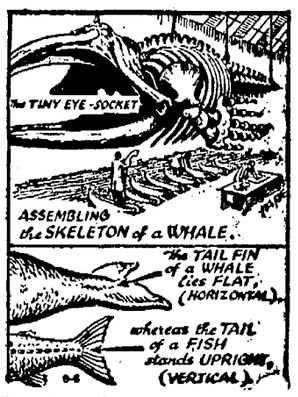
Closer study of whales has proved that the "spout" of a whale is made up of moist air, not of water. If you blow air from your mouth on a cold day, you will produce what looks like steam or smoke. The warm air from your lungs strikes the cold air outside, and this makes tiny bits of moisture condense and form "steam."

In the same way the whale blows air from its huge lungs, forming a misty mass which, from a distance, looks like a spout of water. A whale has nostrils which close tightly, and water is kept from running down into the lungs. If any large amount of water went into the animal's lungs, it would die.

Whales do their spouting after being under water for a time. Taking a big breath, a whale goes out of sight. It may reach a depth of 500 or 600 feet.

Usually a whale does not spend more than five or six minutes under water, but there are times when it keeps out of sight much longer. Cases are on record of "dives" which lasted from 35 to 45 minutes.

On coming back to the surface,



the whale blows out the air in its lungs to make room for a supply of fresh air. It has no gills, and must take its oxygen from air.

A whale has a "tail fin," but this differs from the tail fin of a fish. It spreads out sidewise instead of up-and-down.

Whales are strong swimmers. They have to be good in this field to move from 15 to 110 tons of flesh and bone.

The swimming is done by bending the body, very much as fish bend their bodies. Each whale has a pair of large "flippers," but these are of little help in swimming except for steering, and for keeping the body in balance.

The whale has the largest head of any animal that ever lived. Compared to the size of its head, the eyes are small.

The flippers are located just behind the head. When the bones in a flipper are laid bare, they may make a person think of the bones in a human hand of giant size.

(For NATURE section of your scrapbook.)

Uncle Ray

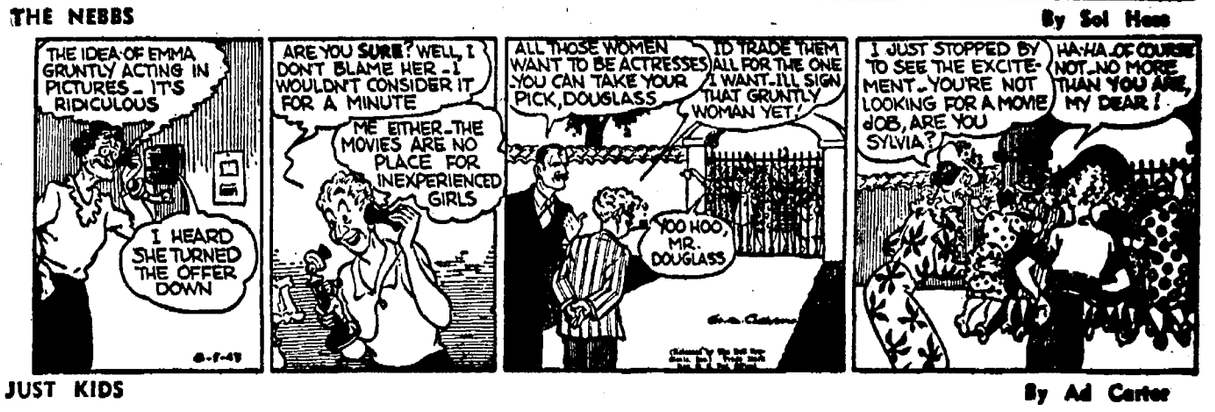
Tomorrow: Whalebone and Whale Oil.

DAN DUNN — Secret Operative 48

JOE PALOOKA — By Ham Fisher

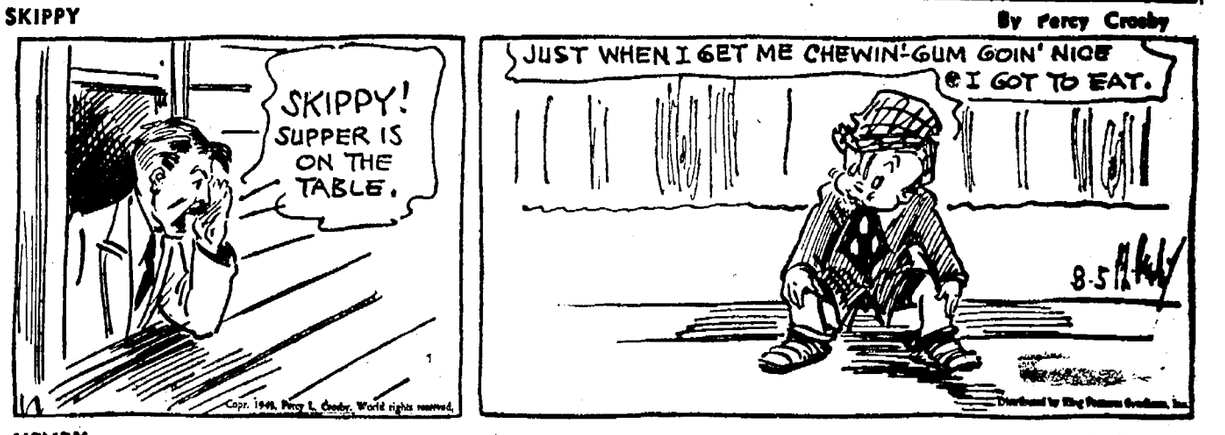
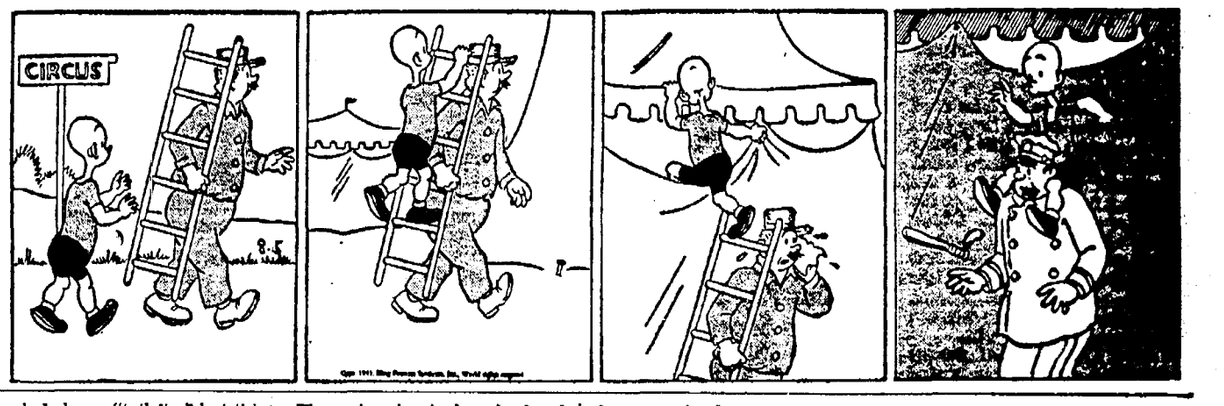
BRICK BRADFORD — By William Ritt and Clarence Gray

THE NEBBS — By Sol Hess



JUST KIDS — By Ad Carter

SKIPPY — By Percy Crosby



HENRY — By Carl Anderson