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# International Harvester Collectors– Chapter 14 WWW.IHCCI4.ORG



## Winter Meeting

Jan 22, 2022

Lodi CA



You will want to join us for our winter meeting on Saturday January 22, 2022 held 10AM-Noon.

The museum is located at 11793 N. Micke Grove Road .

Take Hwy 99 south of Lodi CA to Armstrong Road heading west to Micke Grove Museum.

You will need to pay for admission to the museum/park as they are not charging our chapter a rental use fee.

The museum has eight buildings you will enjoy viewing:

- ◆ Antique cars



- ◆ Vintage tractors
- ◆ AG displays
- ◆ And more

Be sure to visit the Rosen Building



where all these vintage tractors are stored that include IH and other brands. Years ago Chapter 14 assisted in building this structure.

We will discuss IH Collectors vision for 2022, its calendar of events, and provide a photo slideshow of upcoming events you can expect all from our photo library.

So mark your calendar for January 22, 2022 for our first event in the new year.

Jan. 2022

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### Membership Dues

Please start your membership within International Harvester Collector by paying your 2022 annual dues of **\$30.00**. It covers both national and chapter dues.

We accept  Master card,  Visa, and  Discover for payment of membership dues. Simply provide us the type of card, # \_\_\_\_\_, CID 3 digit number \_\_\_\_, and expiration date \_\_/\_\_/\_\_ and your telephone number \_\_\_\_-\_\_\_\_-\_\_\_\_.

To pay through our website link, [www.ihcc14.org](http://www.ihcc14.org), go to the website and click on 'Buy Now' link, which takes you to PayPal, a secured encrypted transaction that will accept your payment. You need not be a member of PayPal to make your payment, simply sign in as a guest.

Or mail your check in the envelope provided you to:

**IHC Chapter 14  
PO Box 1471  
Folsom CA 95630.**

If you have any questions, please contact us at 916-983-6415.

# International Harvester Collectors Chapter 14 Inc

## Financial News:

President's message:

Welcome to 2022 as we finish 2021 in a year that was disruptive as anyone can remember. But we have a new year and the promise of dreams we hope it will bring. You can stay connected to IH Collectors by renewing your membership as noted on the front page of this newsletter.

We had our last Zoom board meeting in December 2021 as we re-connected in this fast paced year. See board minutes attached in this newsletter for details.

AG Source magazine editors are giving our chapter full page advertising for the upcoming World AG Expo. 115,000 visitors to the show in February will be reading about IH Collectors Chapter 14 and will be able to apply for membership through our website. We appreciate this free advertising to such a large audience.

Congrats to Jeff Magill as he leads AG welding for Yuba County Charter School in Marysville CA. A Farmall Cub is coming to his new school for restoration and we look forward to its completion in the new year. His welding class was awarded a \$1000 grant for their Farmall Cub tractor project.

Have you ever attended a Winter Convention? IH Collectors will meet at Ramsay Convention Center in Pigeon Forge, TN during March 24-26, 2022. I've attended many times and found the tours and seminars quite educational.

Following the winter convention will be the California Antique Farm Show in Tulare CA during April 22-24, 2022. Let's bring a hundred IH tractors and equipment to this show.

Did you ever get to Farmall Land Museum in Iowa? We did. An unforgettable experience as shown on page 3. Another auction of the Mez restored tractors is about to begin.

Yellow Power was featured at the Red Power Roundup. An excerpt from Red Power on pages 4-6 shows the mammoth TD25 crawler tractor that IH designed in 1947. By the mid 70's the TD25 grew to 280 HP and weighed 44,500 lbs.

How did you celebrate the Christmas season with your Farmall tractor?

Preserving the IH legacy,

Roger Lubiens, President

## NEW MEMBERS

<u>Last Name</u>	<u>First Name</u>	<u>Address</u>	<u>City</u>	<u>St</u>	<u>Postal Code</u>	<u>E-Mail</u>



# Farmall-Land-USA

## Series of Auctions

### Jerry & Joyce Mez Collection - Avoca, IA

**Sold between November 2020 to April 2021**

Starting over a year ago, the monumental task of selling the personal collection of Jerry & Joyce Mez and their museum "Farmall-Land-USA" of Avoca, IA had begun. The collection included nearly 200 full size tractors, nearly 100 Cub Cadet Lawn & Garden Tractors, 1,500+ Toys, plus thousands of other items 100% related to the International Harvester company.

In the Spring of 2020, the Mez family had announced that it would be the final season of the Museum and the doors would be closing permanently in late September to start the task of photographing and cataloging the collection. In those few months, over 25,000 people came through the doors of the museum! It was an awesome tribute to the Mez family! Several times, Jerry had told me how amazed he was, visiting with the visitors and hearing where they came from; several people flew into Omaha from all over the country just to see the collection!

The first of the six auctions were held in early November. Due to the logistics and the size of the collection, along with the ongoing pandemic, the collection was all sold through a series of online-only auctions with no live auctions. 450 to 550 lots were included in each auction with over 3,000 total pieces being sold. Each auction included a mix of assets from the collection; this was an attempt not to overwhelm buyers that were wishing to add multiple pieces to their collections. This also allowed time for Jerry's Mechanics, Perry Kelly & Garland Jensen, to get nearly every tractor running and driving prior to being sold.







By Bob West

With the DOPS canopy, the TD-24 stands just over ten feet tall. The intake pipe for the dry filter air cleaner is located just forward of the operator.

## Yellow Power At Red Power Round Up

When International Harvester set up the Power Equipment Division in 1944, they took a serious dive into the construction equipment market. Its main objective was to threaten Casepillar for the Number One spot. But IH also found itself running a race to stay ahead of Allis-Chalmers. Allis was continually striving to offer the largest dozer available.

Appearing in 1946, the Allis-Chalmers HD-19 assumed the position as the largest dozer on the market. It had 163 flywheel horsepower from the Central Motors 6-71 diesel engine. The HD-19 was the first of its kind to use a torque converter ahead of the transmission. This innovation nearly eliminated having to clutch the tractor to prevent engine stall during a challenging push.

However, the reign of the HD-19 was short, because in 1947 International Harvester began production of their TD-24 dozer. Using an IH D-1091 six cylinder diesel, the TD-24 produced 180 flywheel horsepower to claim the leading spot from the AC HD-19.

The introduction of the Allis HD-19 probably caused IH to rush development of the TD-24 in order to push it out to the market sooner. IH was eager to make a bold statement to the world as they entered the construction equipment field, and supplanting the Allis HD-19 with the largest crawler would achieve that objective.

While the TD-24 was a monster of a machine that could move mountains, there were some weak spots that showed up in service that additional testing might have corrected. IH continued to work out those issues throughout the production run so by the introduction of the "Series 1" version in 1955, most had been resolved satisfactorily.

The TD-24 did not have a torque converter transmission like the Allis HD-19, but it did have planetary steering which provided pulling power to both tracks during turning. Other crawlers had steering clutches that halted power to one track in order to turn the machine. The IH planetary system, however, used



## YELLOW POWER AT RPRU



Blowing out a bit of smoke, the operator is revving the IH built DT-817 diesel engine. One advantage over the TD-24 is the 817 engine is direct start on diesel, while the older machine started on gasoline then switched over to diesel. The 24 volt starting model used power from four 6 volt batteries. The batteries were kept charged by a 15 amp alternator.

a slower speed on the inside track to turn the machine so power is never interrupted.

As good as the planetary steering system sounded in theory, it was lacking in strength. The system in the original TD-24 tractors was too weak, causing failures in the field. Within a couple of years, this weakness led to a massive "recall" to rebuild failing planetary systems, often multiple times. The system was improved over time, but an ugly scar hung over IH construction equipment for decades to come. Rushed development too often haunted the reputation of IH.

This episode cost more than just performing the repairs. IH had a small window of opportunity to overtake Caterpillar, and that window of time closed while the TD-24's were being repaired. As Cat continued to quickly expand into a huge and dominant company, the gap between number two IH and number one Cat only grew larger and larger. IH operated on very thin profit margins and never had pockets deep enough to close in on the ever expanding



Looking closely, you can see the operator seating on the big TD-25. You notice that the operator's floor is level with the top of track fenders providing easier entry and exit plus a wide platform to stretch out your legs.



YELLOW POWER AT RPRU



There are 48 shoes on each track, providing 5,662 sq. inches of ground contact with 24 inch wide shoes. The tractor, without the blade, is 137 inches long. Differential steering provides full power to both tracks during turns.

gap with Cat. The IH construction line would survive to 1982, but it never gained on Caterpillar's lead.

The Allis HD-19 was replaced in 1951 by the HD-20 using a General Motors 6-110 diesel with 175 flywheel horsepower. Even with the larger engine, the IH TD-24 still retained the lead as the largest crawler.

By 1955, Allis Chalmers was at it again, aiming for the lead by bringing the HD-21 to the market. At 204 horsepower from an 844 six-cylinder diesel produced by recently purchased Buda division of Allis, the HD-21 had the necessary beef to surpass the number one IH TD-24. By next year, Allis added a turbocharger to this

engine and flywheel horsepower increased to 225. The HD-21 proved to be a solid and reliable machine for Allis-Chalmers, heretofore a highly respectable tool for contractors. Allis had secured its position as number three in the construction equipment business with the HD-21, following Cat and IH.

Also in 1955, IH upgraded the TD-24 as the "Series 1", also referred to as "Series 241". The TD-24 now offered a torque converter transmission. A new synchronized gear drive was also available. Flywheel horsepower was increased to 202 for the torque converter transmission or 190 for the gear drive. Other improvements were made to strengthen the crawler.

Approximately 11,000 TD-24 dozers were produced. Across North America, fleets of red dozers could be found everywhere moving tons of dirt during the 1950's.

At Caterpillar, the D-9, which had been under development since 1946, was finally in production at mid-1955. The Cat engine under its hood was turbocharged to produce 286 flywheel horsepower. One year later, this same engine was producing 320 horsepower at the flywheel. While the Allis HD 21 and IH TD-24 were solid tractors that made a lot of money for contractors, Cat firmly established its leadership with the D-9. The successful D-9 continued in production until 1974.



The model designation is located on the panels of each side of operator's seat.

RED POWER 59

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## International Harvester Collectors Chapter 14 Inc

### **IH Collectors CH14 Inc Calendar** **(bold= sanctioned events)**

**February 8-10, 22. World AG Expo.** Tulare CA. Join us and thousands of AG visitors for thousands of AG exhibits, AG tours, and a few antique tractors.

**March 24-26, 2022. Winter Convention.** Ramsey Hotel. Pigeon Forge, TN. Join us for the national winter convention in Tennessee. Call 865-428-2700 for reservation details.

**April 22-24, 2022. California Antique Farm Equipment Show,** Agri Center. Tulare CA. After a 2 year absence, this show is back on and invites all tractor collectors. IH Collectors and its members will be there for its events, parades, and more.

**May 13-14, 2022. Farm Days.** Dry Creek Rd. Rio Linda CA. Come and enjoy this classic dairy farm with field demonstrations, tractor parades, arts/crafts, tractor and engine displays, and more. More details to follow.

**May 27-30, 2022. Best of the West Show,** Santa Margarita CA. Santa Margarita Ranch with twice a day parades. More details coming.

### IH Collectors CH 14 Leadership Team

The following is your leadership team in 2022:

President: Roger Lubiens, Folsom CA  
Secretary: Jim Marshall, Beaverton, OR  
Treasurer: Dick Marshall, Clarksburg, CA

Board members:

Terry Spahr (chairman) — Hershey, PA ( exp. '23)  
Paul Baldwin — Elk Grove, CA (exp. '21)  
Phil Smith — Salinas CA (exp. '23)  
Jon Rogers — Sonora, CA ( exp. '21)

California IH Collectors Foundation members:

John Rochester (Chairman) Granite Bay, CA  
Sue Hayes, Anaheim CA  
Jeff Magill, Wheatland CA

# International Harvester Collectors Chapter 14 Inc

**Board Meeting** Zoom – on line  
December 4, 2021 (Folsom CA)  
Minutes

## **Call to Order**

**In Attendance:** President Roger Lubiens, Susan Lubiens, Terry Spahr, Board members Phil Smith, Jim Marshall, Richard Marshall

## **Pledge of Allegiance to USA flag**

**Secretary Report:** Terry Spahr moved to accept, 2<sup>nd</sup> by Phil Smith

**Tax Reports:** All tax reports filed as required.

**Treasurer Report:** \$8,680 in the treasury. \$3800 was from government stimulus funds

**Membership Reports:** Two members have recently passed away; they are Don Henderson and Al Bell. Currently Chapter 14 has 200 paid members. Sixty members used PayPal to renew their memberships. The PayPal system seems to be working well.

**Foundation Reports:** Farmall A completely restored by Oakdale FFA. Will be kept on hand to service needs on 24 acre farm connected with this chapter of FFA. Oakdale students competed in national livestock judging and came home with #1 award. This group which has nearly 400 students in its program is now preparing to restore a Farmall M tractor. Chapter 14 donated \$2,000 to this FFA chapter of which \$1,000 is being used for tractor restoration and \$1,000 is for jackets for members. Jacket assignments will be up to the adult leaders.

Member Jeff McGill recently retired, but didn't stay retired long as he has now volunteered to assist the Yuba County Charter School with its welding program and will be assisting with a restoration of a Farmall Cub tractor. Chapter 14 is donating \$1,000 to this effort it being the 40<sup>th</sup> tractor restoration sponsored by Chapter 14.

**Website:** The Chapter 14 Facebook account has recorded 6,400 visitors viewing our posts.

## **Old Business:**

Scout Rally was scheduled for Oct 1-2, 2021 at Grass Valley CA. Leading this event is our Jeff Ismail with good attendance.

October 9, 2021 was Pioneer Days in Paso Robles CA. Tractor parade pictures are posted on Facebook IH Collector CH 14 page

Fall Tractor Show was held again in Vista CA in October. Pictures were posted in newsletter and sent to Harvester Highlights for publication. Brent Duxbury represented Chapter 14.

Folsom Veterans Day Parade included 3 Farmall Cub tractors. Large crowds of 1,000's of people watched the parade.

## **New Business:**

Winter Meeting at Micke Grove Museum near Lodi, CA on 1-22-22 between 10AM-Noon

World Ag Expo in Tulare Feb 8-10, 2022. Roger is requesting presence within the Case-IH booth rather than being relegated to the barn with other vendors. Seems like the older tractors on display attract visitors to the Case-IH booth. We are hopeful that we can set up our booth with Case-IH.

California Antique Farm Show scheduled for April 22-24, 2022 in Tulare CA.

Antique Truck Show scheduled for April 30, 2022 in Plymouth CA. Last show had 218 antique trucks many of which were IH manufacture.

Red Power Roundup (#33) 2022 will be in Springfield, Ohio hosted by Chapter 6.

Red Power Roundup (#34) 2023 will be in Grand Island, Nebraska hosted by Chapter 12.

Red Power Winter Convention will be held in late March held in Pidgeon Forge, TN

Roger showed power point pictures of various IHCC events.

**Adjourn:** Terry Spahr moved to adjourn, Jim Marshall 2<sup>nd</sup>. Meeting adjourned.

Respectfully Submitted,  
Jim Marshall, Secretary



# International Harvester Collectors Chapter 14 Inc

Who is an IH Collector? How did you end 2021 with your IH tractor or truck?

Michael Eubanks and Farmall Super H at Christmas



Wendell Neuman in a Carson City NV Parade



Folsom Veterans Day Parade



Paso Robles Parade



## International Harvester Collectors Chapter 14 Inc

### Classifieds:

Farmall Cub steering wheels, two, \$10 for both; John 425-922-5958 (Redmond WA) Farmall Cub, 1948, blade, hydraulics, electric start, lights, big belt and small pulleys, looks good and runs good, \$2500 obo; Dave 925-699-7397 (Covelo CA)

Farmall F12, 1934, older restoration, new magneto, runs and drives, new tire on the right side, left holds air but should be replaced, pictures on request, \$2000; Mark 541-303-3309 or ak\_mark@yahoo.com (Hermiston OR)

Farmall M, 1940, late Farmhand F11C loader, factory live hydraulics, Schwartz wide front end with power steering, 12V, excellent tires, \$2150; Russ Shorten 509- 876-1795 (Dayton WA)

Farmall M, good sheet metal, good rear tires, engine stuck, \$400; Bob 503-330- 9826 (Beaverton OR)

Farmall Super A, 1950, good condition, great rubber, runs good, paint is in good condition, \$1600. New radiator, \$250. Battery box, \$25; Kenny 707-486-8440 (Napa CA)

Farmall tractors and equipment: Farmall A wide front. Farmall C narrow front with cultivator. Farmall H narrow front with hydraulics. Farmall M wide front. All are original, not restored, all start and run, other miscellaneous farm equipment. Helping a retired gentleman, price is negotiable, can email photos; Dick Benson 541-787-5590 or dick\_benson@ ymail.com (Grants Pass OR)

International 127 grain harvester; Harry Samra 510-299-7243 (Elk Grove CA)

International 300 utility, 1956, has a McCormack hydraulic loader, 72-inch bucket, not running, good sheet metal, restorable, can email or text pictures, \$1100; Ronn Boehlke 541-892-5814 or doublerconst@fireserve.net (Klamath Falls OR)

International Cub, 1966, currently not running, cycle mower, belt pulley, plow, SN 227656J, rear wheel weights, \$1200 obo; Robert McLaughlin 509-521-7496 (Benton City WA)

International Cub, 1966, side mowers, plow or plows, make offer; Robert McLaughlin 509-521-7496 (Benton City WA)

International TD14 parts; Harry Samra 510-299-7243 (Elk Grove CA)

International TD-18, complete with extra engine, needs steering work; Harry Samra 510-299-7243 (Elk Grove CA) International W-30; Buck 509-899-2247 (Ellensburg WA)

International W-30; Buck 509-899-2274 (Ellensburg WA)