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Argonalit



Tom Von Alten flexes his biceps during the preliminary judging of last night's men's beauty contest.

Farrell promotes men's lib

By BILL LOFTUS

Warren Farrell didn't ask the men in the audience to burn any items of personal attire last night during his program on men's liberation.

The author of *The Liberated Man* did stress the need for men and women to more deeply examine the traditional roles outlined by today's society for them, however.

Approximately 200 people showed up to hear Farrell speak and join in a question and answer period, a role-reversal date, and a men's beauty contest in the SUB

Farrell said men's liberation will never be as visible as its counterpart among women. "It's a more subtle process."

"Tangible things make headlines," Farrell said. With the women's rights movement, there was job discrimination and other forms of repression to deal with. The men's liberation movement must confront more internal issues, he said, "like men learning to look inside themselves and learning to listen."

His major purpose, he said, revolves around people rethinking the roles society

has presented them.
The basic scope of his drive doesn't limit itself to men.

Farrell said it also can help women understand their roles. It can also embrace the attitudes toward the gay liberation movement.

Society and its attitudes toward anything but heterosexuality have tended to steer people away from a just consideration of any other feelings of lifestyles. "I think everyone is bisexual," he said.

But, those feelings are repressed by most because they are, like himself, byproducts of their upbringing.

Women suffer the supression of feelings toward members of their own sex less, he said. "The message to men is much more clear." Men have to avoid showing their emotions, or embracing other men, in order to be called "a man" in the context of our society, he

That inhibition is apparent in child raising, Farrell said. "When a girl acts like a boy, she's called a tomboy. But when a boy acts like a girl, he's called a sissy." And a sissy has worse connotations, he added.

Two aspects of Farrell's program attempt to force the audience to begin rethinking life, he said.

The men's beauty contest has three purposes. The first is to help "men experience something that could never be explained intellectually," he

said. The second purpose is to have women experience the pressure that men have on them to make comments, as judges, about how they rated the opposite sex. Finally, the contest adds a fun aspect to his program and to the movement, he added.

The role reversal date also illustrates the problems with heterosexual relationships, Farrell said. "In it, men must assume the passive role and women must take the aggressive part. Most women don't feel comfortable when they have to "lay their ego on the line and ask someone out," he said. When men assume the passive role, they can see "how the passive role can cause a reliance on emotions."

Often times, Farrell said, they experience a change in their outlook and demeanor when they have to keep saying please and thank-you for everything.

There has never been any trouble at one of his programs, he said, but men and women do have definitely different attitudes at the outset. "Most places, women come with a strong interest," whereas, "men are suspicious with a type of cynicism in their minds at first." After the program, they usually leave with a more understanding concept of men's liberation.

Plainclothes men will attend tonight's game

"It is not a police function" to check people entering the Kibbie-ASUI Dome for liquor, according to Thomas Richardson, vice-president of student affairs. However, several plainclothes men from the Idaho Beverage Control office in Lewiston will be present, he said.

Richardson said the presence of plainclothes liquor enforcement officers is a "normal procedure" at campus football games. He also said, to the best of his knowledge, no arrests have ever been made by these people.

Gate personnel will be checking people for bottles and cans, said Richardson. Police officers will be at all gates to "promote orderly

conduct" of the crowd and to protect the cash boxes.

In case of a drunken or disorderly disturbance, police personnel will use their own judgement about removing a spectator, said Richardson.

According to Ed Schmitz, chief of campus security, police officers will ask persons who are obviously drinking alcoholic beverages to remove the contraband from the Dome. If the offender does not comply with the officer's request, he will be arrested, said Schmitz.

Richardson said extra local, county and state law enforcement personnel will be present to help with the traffic control problem. "The bulk of the force will be in uniform," he said.



Dr. Warren Farrell inspects contestants during the judging of the men's beauty contest last night. About 35 men competed. Keith Grieneeks won the contest.

After years of struggle, KUOI boosts to 50 watts

By JIM SPIERSCH

After many years of deliberation, planning, building and financial struggles, KUOI has finally converted from 10 to 50 watts.

The station encountered many problems in the conversion although it was originally granted permission from the Board of Regents as far back as 1975. At that time Regents alloted approximately \$47,000 to KUOI from the Student Union Bond Reserve.

The station was then remodeled, they put in a new control room, bought various reel-to-reel recorders, a cart machine and other audio equipment.

During this time, the station had to apply to the FCC Communications (Federal Commission) for permission to construct the new 50 watt system, which took about 9 months. The FCC said they would not allow a tower until a construction permit was granted.

A new law said that any modifications to existing state buildings had to be approved by the State Department of Labor, which went into effect KUOI before received permission from the FCC.

In September 1976, the received station construction permit. Architect from Boise, Dick Kelly, designed the tower installation. Two and a half months later, the State Department of Labor said changes were necessary. Kelly disagreed and after an additional two months of delays, the State Department gave the go ahead-with the

original plans. Nearing the end of December, KUOI was finally allowed to receive bids on the tower. Vern Johnson & Sons of Spokane was the low bidder at \$10,400.

In April 1977, construction of the tower was finally underway. A couple weeks later the tower was up, but had to be repainted.

In May, the antenna was installed by Tom McGrane and Alan Kopczynski, both KUOI Engineers and with the help of a contracted engineer, Larry Ayer of KRPL. Also, in May a remote control for the transmitter was installed.

The next problem came toward the end of May in tuning the transmitter. The factory supplied test data that did not correspond with the actual measurements of the transmitter. The FCC requires that some of this data be used to fill-out the license application. After a couple of weeks, that was resolved.

Finally in June 1977, the management of KUOI felt they were basicly ready to go. They then applied for a license for the new 50 watt system and at the same time requested program test authority. This would allow them to go over the air with the new system while the FCC considered action on the license application. It usually takes two or three weeks for processing, but for some unknown reason it took over two months.

While waiting for the FCC response the engineers were doing some final adjustments and running tests on the transmitter when suddenly they lost all stereo separation on audio. They traced this problem to one unit, known as a stereo generator. McGrane

would charge a minimum of two or three hundred dollars and would take up to a month to fix. Although the equipment is still new and not used, because of all the delays the warranty had expired.

George

Professor and Consulting

Engineer spent a week

working onit, but were undable

suggested that KUOI send the

generator back to the factory

for repair. McGrane said, they

The transmitter manufactor

to locate the actual problem.

Hespelt,

Consequently, the engineers felt they could save money and time doing the work on it

Finally the first week of Sept. the FCC sent a telegram saying that KUOI could begin program tests:

McGrane spent the following week preparing to go 50 watt monophonic. On Tuesday. Sept. 13, at 1:10 a.m. the conversion was made from 10 watts to the new 50 watt system.

McGrane said, if the stereogenerator is not fixed in the next few weeks, they will have no choice, but to send it back manufacturing the company. He added, "It will be a few more months before we can go stereo.

Marijuana reformers organize efforts

The National Organization for the Reform of Marijuana Laws (NORML) will hold an organizational meeting next Tuesday at 7:30 p.m., in the Silver Room of the SUB.

The meeting will feature the following speakers: Jim State Calvert, Idaho Coordinator; Mark Nuttman, Chapter President and representatives of the WSU

Chapter of NORML.

According to Calvert, NORML is trying to get support and a sponsor for a bill to be presented to the Legislature this year. He said they are not seeking legalization, but removal of criminal penalties for the user. Last year, a similar measure failed to pass the Legislature.

The Idaho chapter of NORML

was organized on campus approximately 9 years ago. There are two other chapters throughout the state, one in Boise and the other in Bonners Ferry; however, there are hundreds of members throughout the state.

Anyone interested in attending the meeting is welcome to do so.

Communications students drift down Clearwater River

À raft trip on the middle fork of the Clearwater River will highlight a weekend retreat. according to John Kirtland, president of Public Relation Student Society of America (PRSSA) on campus.

The weekend is designed so students in communication can get to know each other as well as find out more about public relations and PRSSA. said Kirtland.

Four professional public relation specialists: Merrick, Jay Rockey Public Relations of Seattle, Brian Bell, Jay Rockey of Portland, Jerry Shackette, public relations specialist from Boise, have agreed to attend the retreat and answer questions concerning public relations.

A meeting scheduled Monday, Sept. 19 at 4:15 p.m. the School Communication reading room will discuss the weekend.

The retreat will cost each student \$20 which includes two nights at Three Rivers Resort and three meals.

He added that students in public relations should attend the meeting and students in communication are also encouraged to attend. "It has shaped up to be an exciting and memorable weekend, Kirtland said.

Guest center name changes

To more accurately describe the functions of the Guest Residence Center, the Board Draft registration

no longer necessary

Men who have reached their 18th birthday no longer have to register with the Selective Service. Men who did not report to their local draft board before April 1975, cannot register.

President Ford suspended the Selective Service System in 1975.

The requirement that a registrant have his draft card in his personal possession at all times has been terminated. Lost status cards will not be replaced.

of Regents renamed **Because the Guest Resident** Center is no longer used to house visitors, it redesignated as

Continuing Education Building.
The building located at the intersection of Nez Perce Drive and Blake St. was once a women's dormitory, known as Forney Hall.

Along with continuing education the building also, Community houses the Development Center, Institutional Services, Special Summer **Programs** and Sessions.

In addition, Alpha Kappa Lambda fratemity rents space on the third floor and the French Language living group occupies the basement.



Lighting controversy surrounds George Gagon

By MARTY TRILLHAASE Editor's Note: This is the second in a two part series dealing with the lighting on campus.

When it comes to lighting, or the lack of it, George Gagon is a man in the middle.

As campus physical plant director, Gagon has the responsibility for adequate campus lighting. But his office has also been charged with keeping energy usage down. That means turning off lights.

That may not be a particularly popular thing to do at present. Tuesday's Argonaut reported police directors and women as stating the present campus lighting is inadequate, from a safety standpoint. On the same note, a resolution requesting increased lighting had no trouble finding approval from the ASUI Senate Wednesday night.

Gagon, however, said the lighting is "fairly good. You can see your way around here pretty well."

Gagon was instructed by the governor to cut back on outdoor lighting, within sfaety limits. This, he said, has been done. "The priority is to cut back all lighting that isn't absolutely essential," Gagon said. He acknowledges there are "places on the campus that are dark," but he added "you can walk from one end of the campus to the other."

The Argonaut has learned that last year, the administration was aware of problems with outdoor lighting.

Vice President Tom Richardson received a proposal from Campus Police Chief Ed Schmitz calling for increased lighting in 17 areas last fall. The memo was in turn forwarded to Gagon on April 1.

Schmitz suggested lighting be increased in the following areas:

1. The light house on top of the hill between the Administrative Building and the fraternity houses of Nez Perce

2. The middle of the block on Deakin Street across from St. Augustine's Catholic Center.

3. The alley in back of the Student Union Building.

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4. The middle of the block on Ash Street, near the Student Health Center.

5. The parking lot between Upham and McConnell halls.

6. The middle of the block, each block on Elm Street from 6th Street to Sweet Avenue.

7. The parking lot in the rear of the Wallace Complex.

8. Another light is suggested between each light on NKEZ Perce Drive.

9. The middle of the block on Deakin Street, between University and Sweet.

10. The middle of the block, each block from Line Street to Deakin.

11. The middle of the block from Ash to Deakin.

12. The middle of the block

from Ash, between 6th and 7th.

13. The middle of the block, between Paradise Creek and the Physical Plant entrance.

14. The middle of the block on Line by the heating plant.

15. The middle of the block on Urquart Street by Buchanan Engineering Lab.

16. lighting suggested on Nez Perce in the area of the outdoor track.

17. More lighting is suggested on the road between the Law Building and the ASUI Kibbie Dome.



Dr. Tom Richardson

According to Richardson, this list falls into three areas of concern. "Items one and two are troublesome areas and cause hazards for people; item three is desirable from the property standpoint; an items four through 17 are

items four through 17 are desirable if we have a normal supply of energy and can, over several years time, provide for a comprehensive lighting program."

Any improvement in the lighting would be a preventive measure, he said. "We don't have any track record of accidents or injuries," he said, adding "We do have a pretty good knowledge of norms on this campus. I think it would be unfair to portray the campus as a jungle."

Moscow Police Chief Clark Hudson said poor lighting is an invitation -"to any sneaky crime." His counterpart on campus, Schmitz, said lighting has been shown effective in fighting crime. Schmitz noted the lighting problem is a potential one.

Richardson agreed, saying the lighting should be improved but "I don't think our whole campus security hinges on that."

When improvements are made, they won't come cheaply. Richardson said the plan for increased lighting "literally goes into the millions of dollars."

The current annual cost of lighting the campus isn't cheap either. Gagon said the total electric bill for the U of I approaches \$300,000.

Although he said he didn't

know how much of that accounts for the cost of outdoor lighting, Gagon said it was "substantial."

Discarding the economic figures, another problem has clouded the lighting problem. Idaho receives a good deal of its electrical energy from hydroelectric dams. This is an inexpensive source of plentiful energy—when the water is there. This year, it wasn't because of the drought.

With the predicted lack of water this summer, Idaho faced a possibility of power curtailments. Washington Water Power submitted a contigency plan to the Idaho Public Utilities Commission calling for any mandatory curtailments to affect its big customers first. In Idaho, these customers included Potlatch Corporation and the university.

Consequently, the implementation of the Schmitz-authored proposal was suspended. Gagon said nothing further can be done to improve lighting "unless we've got a high need for it."

Gagon received Schmitz' light improvement analysis on April 1. Just the day before, he received a directive from Governor John Evans calling for just the opposite.

Evan's directive ordered

cutbacks in electrical usage by all state buildings. Among the areas specified were ornamental lighting, non-business areas "such as lobbies, walkways warehouses," and lighted signs. Evans added that exceptions would be made in the interest of health and

safety.

But if the energy crisis and other economic factors delaying the plan were to end tomorrow, the first step in implementing the plan could not occur until this winter. Gagon will submit his annual budget request then. The plan's cost will be included in that request, Gagon said.

But he added that while the energy crisis may subside, energy costs continue to climb. That may slow efforts for improved lighting once again.



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Betsy Brown

I like to think of this column as being a public service. So maybe you can understand my excitement when I read a memo from the head of the Homecoming Committee soliciting student input. Here's another big chance to be helpful!

It seems that they are looking for suggestions for a new way to select the homecoming royalty. Apparently there were some problems of student discontent with the way it was done last year.

Well, since they asked my advice as a student, I do have some thoughts on the subject. In fact, I have figured out an excellent way to completely avoid the difficulties involved in selecting a homecoming queen and her court. My solution is very simply this: cut out the Homecoming royalty altogether.

I have nothing at all against homecoming itself. Too much studying and seriousness has the same effect on the brain that a hot sidewalk has on an egg. It fries. And what better way to turn down the heat, so to speak, than the joyous frivolity of homecoming? But I really don't appreciate the royalty part of it. To be quite blunt, I find the whole idea rather nauseating.

My reasons for this are entirely unoriginal. I could hardly blame an unsympathetic reader for feeling that I was simply trotting out a lot of tired feminist propaganda. Yet, if you stay with me for a few more paragraphs, perhaps I can convince you that the contest for homecoming queen is an insult to the female student population at the U of I.

The "old" method of choosing the queen is very illuminating. Last year, the final decision was made, I believe, on the basis of a poll of the football team. I don't think I will strain your credulity too much by suggesting that this implies that the "ideal coed" is one who grooms and disciplines herself to fit the traditional criteria of the

The ins and outs of royalty

perfect "sex object;" you know, the sweet, preferably submissive type who looks like an overgrown Barbie doll. Of course, the "brainy beauty queen" is in this year, but independence is still, as always, "out". And I hope you will forgive me for suspecting that the ideal remains the same although the selection method may change.

I believe that the time has finally come when the majority of U of I women are tired of having this ideal held up for them to imitate.

Witness the uproar when one ignorant young gentleman wrote a letter to this newspaper last spring, suggesting that the women on this campus are "Idaho spud butts" who don't even try to meet the requirements of male viewing pleasure. A flood of angry replies ensued insisting that there is more to a woman that her capability to win a Farrah Fawcett look-alike

contest; and anyway, women exist quite for their own sake, and not simply to please men.

This royalty issue is not a major one. But it is an unfortunate reminder from those sad times when a woman's place was chained securely to her pedestal. There are still enough enjoyable events for homecoming that the committee can well afford to do away with this archaic bit of nonsense.

Letters

Apology

To the Editor:

This is an open apology to a student riding his bike (accompanied by a woman on her bike) who was riding up Line St. Wednesday morning at 7:50 or thereabouts. I was driving an orange squareback V.W. and cut in front of you to

get into the parking lot. I'm really sorry for causing you such a scare. I miscalculated the speed at which you were riding and thought, mistakenly, that I could get into the lot without interrupting your travels. Naturally, I was in a great tearing rush to prepare for my 8:00 a.m. class shouldn't have done such a thoughtless and inconsiderate thing.

I like to think I'm not the kind of person who habitually does such things. My class was certainly not as important as your well-being, and if anything had happened to you I would never have forgiven myself. It made me realize that I need to slow down and put things in their proper perspective. Please forgive me. I'm very sorry.

Sue Ehrstine

Letter policy

If you wish to write a letter to the editor, it stands a better chance of being printed if it is typed, and relatively free of obscenities. You must sign it, but we can be persuaded not to publish your name.

Thanks

For the more than 400 people who "danced the night away" at the "Disco" dance last Saturday, I'd like to say thank you to KUOI-FM and especially Peter Andrulus.

Timothy E. Miller, Coordinator Student Development Programs



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Gibb says our credibility with legislators shaky

By SANDI STACKI

Making the best attack on problems, not necessarily eliminating all the problems, is the challenge for any university, said Richard Gibb President Tuesday, addressing the Faculty Council at the first meeting of the semester.

Credibility of the university, salaries, and retaining faculty are problems Gibb told the council he would like to see improved.

Gibb said he wasn't sure the key legislators think the credibility of this university is as good as its sister universities, Idaho State and Boise State. He said he got the impression the legislators think this university has "cried wolf" too many times. Gibb said he wants the legislators to be in a frame of mind to believe the university when it has budget or other important problems.

"Total compensation for salaries is not as good as I would like to see it," said Gibb, adding that he would also like to see the university attract and retain quality faculty members.

Gibb said he was impressed

with students, faculty and administration at this university. "This is the first place I've heard people compliment the registration process.'

In other business at the meeting, new Chairman, Elizabeth E. Stevenson, elected by the council May 10, discussed procedures for conducting council meetings this school year. encouraged the faculty council members to be concerned about absenteeism and to be prepared on agenda items.

Stevenson stressed the members' obligation to relate to their constituency the proceedings of the council, enabling them to better represent their constituency's

Three undergraduate and graduate student one represent the student body on the council. According to Section 2010 of the constitution of the university faculty "the faculty council is empowered to act for university faculty in all matters pertaining to the immediate government of the university."

Stevenson said it is often determine to difficult "immediate government", but said she hopes the council will "speak to faculty concerns and be an effective force on campus for problem solving."

The council also -reappointed R. Bruce Bray

as faculty secretary.

—elected by plurality William
S. Greever, College of Letters

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and Science, as the new member of the budget liason The committee committee. serves as a link between the Faculty Council and the president for budget problems and priorities.

—decided to allow the chairman or members to terminate council debate of controversial issues.

-introduced Hugh Williamson Jr., representing the college of business, replacing John Hallaq who resigned.

Recreation Board exists to help clubs financially

If your club or organization is feeling a money crunch, the ASUI Recreation Board may be able to help.

The purpose of the Recreation Program is to provide funding to any club or organization offering an activity for any interested student who has a desire to participate, to develop skills, and knowledge of that activity, and to provide an opportunity for social interaction.

Recreation Board meetings

are each Tuesday at 6:00 p.m. in the Russet Room of the SUB. For more information contact Randy Welsh, G-24 Upham, 885-6082. All clubs are encouraged by the board to consider this means of funding.



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Gay rights expanding in U

(ZNS) A lot has been said and written about the repeal of gay rights legislation in Miami, Florida, but what's happening around the rest of the nation?

The National Gay Task Force reports that last week, Wichita, Kansas, became the 37th community in the United States to pass some form of gay rights legislation.

Wichita's new ordinance prohibits discrimination on the basis of sexual or affectional preference and marital status in the areas of employment,

housing public accommodations.

Three other cities have passed similar legislation this year: Tucson, Arizona; Iowa City, Iowa; and Dade County, Florida. Dade County later repealed its ordinance by referendum.

The Gay Task Force reports a second vote of the Wichita City Commission is necessary for the bill to become law. No change in the vote is expected, however, according to the task force.



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Grant funds

October 10 is the deadline for the 1978-79 grant competition available to graduate students for study

The 550 awards are offered by the Mutual Educational Exchange Program (Fulbright-Hays) and by foreign governments, universities and private donors.

According to Nancy Weller of Research Idaho Foundation, only one person has applied for the competition

Healthy U.S. citizens who

counseling

hold a bachelor's degree or its equivalent by the beginning date of grant, have language ability commensurate with the demands of the proposed study project are eligible to

apply. Most of the grants offered provide round transportation, tuition, and a living allowance for one academic year.

More information and application forms can be obtained from Weller in room 111 of Morrill Hall or by calling 885-6651.

ampus Capers

An unidentified vehicle knocked over the electric transformer at the southwest corner of the tennis courts located on the Administration lawn over the weekend, according to a campus police report. Apparently, someone drove a forest green colored vehicle across the lawn, tried to get up the hill, "spun out" and backed into the transformer. The physical plant estimates the damage at \$2,000.

Police also report 200 cinder blocks valued at \$140 missing on Tuesday from the construction area behind the Wallace

Complex.



Talisman child care now aids students here

The part-time child care service offered this year at the Talisman House is now available to anyone in the community needing it and can be used on a drop-in basis.

Lorri Edwards, director of the Child Care Center and of the new service, said the policy

Murder critics meet covertly

(ZNS) The House Select Committee On Assassinations is holding what is described as "A sccret brainstorming session" this coming weekend (September 17th and 18th) with the leading critics of the Warren Commission report.

Invited to the expense-paid two-day secret sessions are such long-time assassination critics as writer Mark Lane, private investigator Harold Weisberg, and University of California professor Peter Dale Scott

In all, more than a dozen assassination critics are expected to meet privately with committee members and investigators for the purpose of providing possible leads and evidence in the John Kennedy and Martin Luther King murder cases.

The committee itself, which has adopted a low public profile in recent months, is refusing to comment on reports about the meeting. Zodiac news has learned that all of the critics who attend the closed-door sessions are being required to sign "non-disclosure statements," which are written agreements saying they will not discuss the contents of the up-coming meetings with any outsiders.

changes were made to "make the service more useful to more people."

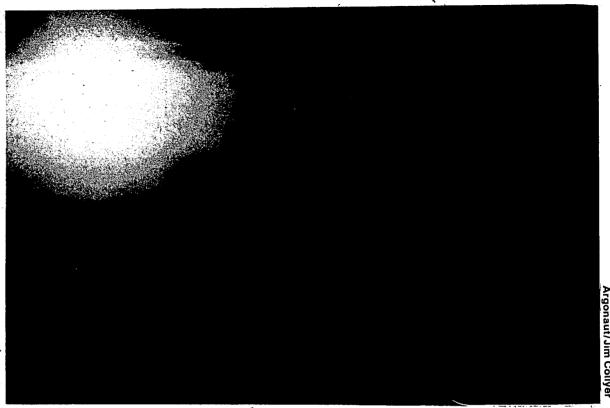
The service, a pilot project of the Office of Student Advisory Services, opened at the beginning of the semester with requirements that only the children of students would be accommodated and that time for the full semester had to be reserved and paid for whether it was used or not.

With the policy change, anyone needing to have a child between the ages of two and nine cared for may use the service, and it is no longer necessary to have a semester's reservation to leave a child.

The fee being charged has been reduced from 85 cents per hour to 70 cents per hour, bringing the charge in line with that of other area child care centers. In explaining the change in the charge, Edwards said, "As things worked out, we were the most expensive in town and since that is against our policy, we reduced our charges."

Preference will still be given to anyone making a semester reservation and, while it is not necessary to call before leaving a child, Edwards said it is encouraged since personnel at the center can make a guarantee of space it they know ahead a child will be there. The facility can accommodate a maximum of 10 children at a time, she said.

The part-time care service is located on the main floor of Talisman House at 625 Ash St., and the telephone number is 885-6738. The traditional functions of Talisman House are now in the evening.



Drawing crowds from around the area, the Latah County Fair will continue until tomorrow night at 9. Livestock exhibits, crafts, and carnival rides provide entertainment for fair-goers but once a year.

Radiation long-distance traveler

(ZNS) If a nuclear plant blew up, how far would the deadly radiation travel? Recent experiments using balloons indicate that airborn radiation would travel at least 100 miles.

The Clamshell Alliance in Portsmouth, New Hampshire, says it has been receiving reports from all over New England from citizens who have found some of the

balloons released by antinuclear power demonstrators last August 6th.

Each balloon carried the name of the nuclear facility from which it had been released; an attached note informed whoever might find it that she or he probably would have been exposed to airborne radiation had there been a radiation mishap at the plant the balloon came from.

Sioux demand land return

(ZNS) Members of the Sioux Indian Nation have filed a formal petition with the U.S. Court of Claims in Washington, D.C., demanding the return of their traditional homeland

American Indian Movement and Oglala Sioux leader Russell Means stated at a press conference that the Sioux claim the rights to the entire states of North Dakota, South Dakota and Nebraska, and to parts of Montana and Wyoming.

Means added, however, that the native Americans would be willing to settle the claim for \$30 billion in payments from the government.

The 1868 treaty, according to Means, formally gave the Sioux Nation title to the land in question.

Development road to starvation?

(ZNS) A series of new studies indicates that Americans are threatening to bring food shortages upon themselves by slowly swallowing up the available farm lands in the U.S.

Pacific News Service reports that about 2.2 million acres of American farmland, an area nearly half the size of New Jersey, is being lost each year to urbanization, highways, airports and similar projects.

The Sierra Club calculated recently that the state of California alone is currently losing farmland at the rate of about 350 acres every 24 hours, or more than 100,000 acres of cropland per year.

The Calmshell Alliance reports that within hours of the release of balloons, residents of Boston began telephoning to report they were finding balloons which had been released near the Montague Nuclear Plant, nearly 100 miles away. Balloons released at Seakbrook, New Hampshire were found, not out at sea as might be expected, but instead downwind at coastal towns as far away as 50 miles south.

Balloons were released in at least 15 states around the country on August 6th, the anniversary of the World War Two nuclear attack at Hiroshima. Opponents of nuclear power contend the wind would carry any radiation released during an atomic mishap hundreds of miles away in unpredictable directions, just as it did the balloons.

Vocational rehab receives grant

The U of I Vocational Rehabilitation program has been awarded \$100,685 by the Office of Rehabilitation Services Administration of the U.S. Department of Health, Education and Welfare

"This is the fourth year we've received the grant," said Dr. Harold W. James, associate professor of counseling and program director. "Besides paying our salaries and the program's operating expenses, the grant covers summer traineeship stipends for about 20 graduate students in rehabilitation counseling."

Rehabilitation counseling involves helping both the physically and the mentally handicapped lead productive and useful lives; James explained. Students in the program are prepared for employment.

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Senate passes lighting bill, stalls board

By JIM SPIERSCH

The ASUI Senate met Wednesday to consider a variety of bills presented to them. Among items considered was the campus lighting situation, Senate probation and a dual housing advisory board.

The Senate unanimously passed Senate Resolution number 49, stating that "increasing amounts of concern have been expressed by students, staff and faculty over personal safety and crime prevention of the U of I campus, lighting facilities in several areas of considerable pedestrian travel are non-existent..."

A needs assessment survey done in April of 1977 found 17 areas on campus in need of lighting for personal safety and security.

The bill requested that the Physical Plant check the campus for lights that have not been replaced. It also requests the administration

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nes the implement energy efficient florescent and mercury vapor lighting where the needs assessment study found it was necessary.

In a 10-1 vote the Senate passed a bill repealing the probation of a Senator. Sally Johnson indicated that her committee thought that there was too much "in-house" policy for the removal of a Senator. She also stated that Ned Cannon, ASUI Attorney General said the bill was unconstitutional, in that the bill states that a Senator on probation cannot recieve any salary.

Senator Bob Harding stated he disputes that the "inhouse" check isn't a good thing. He also asked whether the committee will come out with a bill that is constitutional and still provide an "in-house" check.

Johnson sited a clause from the constitution which states that an elected official's salary cannot be taken away. She added that the present act of recall is adequate.

Harding cast the only "no"vote.

A bill to create a dual body of the Housing Advisory Board, in a 4-6-1 vote failed to pass

ASUI President Lynn Tominaga said the major purpose of this bill was to have more imput. He said that a small group does not always serve the purpose of all the students, and with this bill there would be more adequate input, but the Rules and Regulations Committee claimed that making housing larger would expand beauracracy and make it even more difficult to get anything done. Also passing before the Senate was bill number 142 stating, "When employing an entertainment firm, the ASUI general manager may be empowered to sign contracts with the advice and consent of the ASUI president and budget director.'

Among other items before the Senate President Tominage indicated that there are several openings on student committees, he asked Senators to advise their living groups of this. He emphasized that Senators should keep their living groups advised of what's happening in the Senate.

Finally, Dan Mertens Faculty Council Representative indicated that the Faculty Council had met. Among the

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issues discussed was the Graduate Dean Position. They discussed inbining the Graduate Dear position with the coordinator of research position. They also discussed raising the position to a Vice President status although the Faculty seemed to be against this, according to Mertens.

Mertens said U of I President, Dr. Gibb spoke to the faculty about the budget and indicated that the University had "cried wolf" to the legislature too many times. In other words, he said, the university has told the legislature that they need more money, when in fact they have been able to make cuts and make it through the year.

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Sept. 16th at 7 pm & 9 pm in Borah Theatre
Admission \$1.00

Protestors plan sit-in at Portland nuclear plant

(ZNS) Leaders of an antinuclear power group have announced plans for a massive sit-in at the site of an operating nuclear plant near Portland, Oregon.

The group, calling itself "The Trojan Decommissioning Alliance", says that volunteers are currently being trained for the occupation of the Trojan Nuclear Power Station, located 60 miles west of Portland. The occupation will take place the day after Thanksgiving, on November 25.

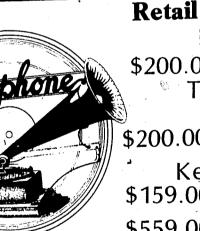
Eighty-six demonstrators were arrested during a similar sit-in at the Trojan plant last month. According to alliance organizers, the August 6th occupation of the Trojan site

marked the first time that demonstrators had entered and occupied the site of an operating nuclear plant in the United States.

Other anti-nuclear protests, the Alliance says, including large sit-ins in New Hampshire and California, have occurred at proposed sites, or at plants which are not yet operating.

The alliance says more than 86 protesters will participate in the November 25th action, adding that volunteers are being trained in "non-violent sit-in techniques." The 86 who were arrested last month have all pleaded "not guilty" to criminal trespassing charges, and are scheduled to stand trial in October.





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The 'predictable' Big Sky football conference

By SCOTT TUDEHOPE

In the end it was business as usual in Big Sky play last weekend, but let's face it, in more than one game it wasn't decided until the final gun.

And that's what drives sports forecasters crazy.

I mean, look at it from our standpoint. Here was an "easy" pick -Boise State University over Weber State. No problem, right?

Wrong. BSU was down 9-0 at the half. It looked like Weber State's new coach Pete Riehlman had a major conference upset in the making. It wasn't until the fourth quarter that Bronco fans could breathe more easily. Final: BSU 19, Weber State 9.

Exhibit two: Who wouldn't have picked Nevada-Las Vegas over Montana? Yet like the last four season meetings between the two clubs, it came down to the wire. With 27 seconds to go, down 12-13, UNLV kicks a field goal and wins it.

Whew. Super whew

Although the score doesn't reveal it, the Northern Arizona State - Idaho State game was almost a major upset, too. NAU trailed midway into the

fourth by a point. If ISU could've only held on...but they didn't and it ended up a "predictable" loss for the Bengals of Pocatello, 28-7. Ah, the first weekend of football&

Well, that's all history, But it goes to show how an 'uneventful" day of football was potential dynamite. Almost like that little upset WSU pulled off against...now who was that? Alaska?

But like I said, that's history. Tomorrow's action includes some barn-burners including: Pacific at Idaho. One thing's for sure and that's Pacific recalls how Idaho narrowly escaped defeat down in Stockton last Season, 31-28. They're supposed to be a physical and an all-around larger team than Rice. Remember that it wasn't until the second half of the Rice game that the Idaho offensive line got off their heels and started firing out instead of hesitating. If they do it again the same fate could be in It should be a fascinating ground battle at any rate. It should be close but I pick the Vandals to come out on top, 28-21. We'll see.

Weber State , whose all-conference kicker, Mike Korvas, booted 17 field goals last season and set a school record by kicking three more against Boise State last Saturday, will face Portland State Saturday. Maybe the rest of the Weber offense will take note. I kinda doubt it.

"For the Vandals, it's a game of 'proving' things."

Boise State's quarterback Hoskin Hogan, who's doing a more-than-credible stand-in job for part-cowboy, part-quarterback Dee Pickett, should have little trouble carving up Fresno State this year Saturday. Bronco running strength is found in Fred Goode, a back who rushed for 716 yards and caught 34 passes for 232 more. Add Terry Hutt, who nabbed 39 for a total of 720, and it adds up to a nicely balanced offense. Rumor has it that coach Jim Criner has

recruited half of the state of California for his Boise club. Not really, only 39 to 32 Idaho boys. Looks like Criner plans to stay awhile and build another BSU dynasty. Let's hope those vicious fans down there don't tear him to pieces after their first loss (which by the way will be to Montana State, Oct. 1, at Boise.)

Those Bozeman (Montana) boys don't know when to quit. They actually gave Tony Knapp's UNLV club a run for the money. Naughty, naughty.

They'll face a tough NAU squad tomorrow which should eliminate any Montana fan's hopes of a surprise comefrom-behind. Short and simple: NAU will end up 3-0, Montana, 0-2. Montana should watch out for Northern Arizona's tailback, Allan Clark. He loves to run. Watch out too for their QB, Herb Daniel. Just plain watch out.

Idaho State has it's problems, that's for sure. One is that neither labor nor management can get its act together. Pity, because ISU used to produce some great teams. Bengals need a year to regroup and organize,

especially after losing their eighth straight last week. Coach Bud Hake from Gravs Harbor, Wash., brought with him starting quarterback Mick "Utensils" or not, Spoon. Nevada-Reno will catch 'em with their pants down, sad to

The Big Sky conference games to watch closely this week are the Idaho-Pacific encounter and Montana against NAU. Because Idaho doesn't meet NAU in regular play this season, Pacific has been ruled a conference

For the Vandals, it's a game of "proving" things. Like, how will the backfield function without Brooks? Will there be a significant change-up of plays to fit the style of a new Will the running back? offensive line fire-off quicker? Of course, if NAU blows away Montana, they'll definitely score points in the major polls. But that goes for both MSU and Idaho, for that matter.

Looks like a fair weekend for Big Sky gridiron. Let's hope Pacific keeps us on the edge of our seats, but not enough to make us fall off.

Big Sky Games

Pacific at Idaho Idaho St. at Nevada-Reno Bolse St. at Fresno St. Montana at Northern Arizona Portland St. at Weber St. Montana St. at North Dakota





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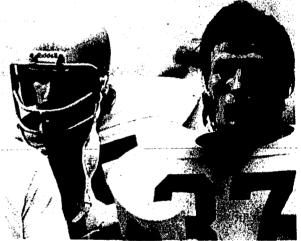
Interviews: Open to Men & Women Sept. 21 Wed 7-9 pm Sept 22 Thurs 7-9 pm

In Student Union Building

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Idaho to host Pacific Tigers

Idaho football will open its home season Saturday at 8 p.m. against the University of Pacific in the ASUI Kibbie Dome. The Vandals will be trying to improve on last weekends 35-10 loss to Rice University in Houston.

Pacific also lost its season opener 20-3 to Colorado State University last week at home in Stockton. Last year's contest saw Idaho the winner when Ralph "the toe" Lowe kicked a 44-yard field goal with eight seconds remaining on the clock to give the Vandals a 31-28 edge.

Tomorrow's contest will be a designated conference game. Under Big Sky Conference rules a team has to have six conference games to qualify the conference's championship title. Idaho has scheduled only five games with actural conference rivals. The Vandals will not play Northern Arizona this year. Northern Arizona's designated

conference game will be played against Cal State at Fullerton Öct 15.

With only one game under their belts, the Vandals this year are plagued with injuries. Fullback Robert Brooks is out for the remainder of the season with a knee ligament injury he suffered in the Rice game.

Lance Hubbard, a sophomore from Lewiston, will fill Brook's spot in the starting lineup.

The Vandals also lost the services of running back Robert Taylor in the Rice game. Taylor has a badly bruised ankle and according to Ed Troxel, Vandal head football coach, still might not be fit enough to play against

The starting quarterback spot will be filled by Rocky Tuttle. Craig Juntunen is out with a sprained ankle. Juntenen rushed for 123 yards against Rice, the 24th best effort among NCCA Division I offensive backs in the nation. It was a good enough effort to earn Juntunen an honorable mention player of the week.

Another Vandal earned an honorable mention for his work as a defensive tackle. Joe Pellegrini had nine unassisted tackles and two quarterback sacks against Pellegrini finished Rice. behind University of Montana linebacker Dave Gleason. Gleason accounted for 14 tackles, forced a fumble and blocked an extra point try in Montana's 15-13 loss to the University of Nevada at Las

Troxel call Pellegrini, "the best lineman on the field", in the Rice game.

Troxel feels the game with Pacific will be a good one because the two clubs are basically equal. Idaho will have the home game factor and will try to establish their momentum early.



Fair weather this week has helped the U of I team practices tremendously. Idaho's first game will be against WSU, Tuesday, Oct. 4 at home.

Field hockey begins

Mix depth and experience and you have a good idea how U of I's field hockey team is shaping up this year.

A relatively new sport on campus, the team last year posted a respectable 16-6-2 record. Coach JoDean Moore hopes for even better this fall.

"We have so much depth for each position that this year's team should be even better," "We have quite a she said. few starters."

They include wing forwards Karen Staumbaugh, a junior from Boise and Penny Rice, a Moscow sophmore. At center forward there's Debbie Schenk, a senior from Rupert,

and at goalie is Teresa Lowder, another former Rupert high school player.

From Lewiston is Lynn Welch, a junior. Laurie York, a senior from Boise plays fullback, and at center halfback is senior Jeannie Meyer. Vikki Howard, a junior from Rupert, is at right inner.

Moore picks Western Washington State and Boise State to be tough opponents this year. "We lost three of our six games to Western Washington," she said., "and if we can improve..."

Hopes are high for the team of 20. Moore said that losing seven seniors last season

"didn't help, but I feel we'll be able to replace them with strong people. We lost four strong positions.

Practices are daily; Monday and Wednesday, 4-5 p.m., and Tuesday, Thursday and Friday, 3:30-5:30 p.m. In addition to the usual warmups and drills, Moore said the team runs two miles a day. She said they hope to be up to 5 miles by the beginning of the season, Oct. 1, when Idaho hosts WSU at Wallace Field across from the Pullman Highway near the Engineering Isotope Lab.

If you want to try out, give Moore a call at 885-7921

Times is reporting that cocaine, known as the opiate of the wealthy, is fast becoming the drug of professional sports athletes. The Sun-Times reports that

(ZNS) The Chicago Sun-

Cocaine incidence

high on-off pro field

one prominent baseball player. recently retired, is said to have never walked out onto the field in the latter stages of his career until he had taken a snort of cocaine.

PADDED COLLAR

& ankle for comfort

Pro football was recently shocked by the convictions of former UCLA star Rommie Loudd and Miami Dolphins' linemen Randy Crowder and Don Reese.

Why do athletes use coke? The Sun-Times says that, taken before a game, cocaine is believed by athletes to give a lift and a relief from tension. without the worry of physical addiction or withdrawal symptoms.

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Entertainment

Instant replay bowling

Bowling classes this semester will have a chance to watch themselves in action, according to Leo Stevens, gameroom manager.

The recently installed videotape machine is on loan from the Education Department. The instructor of each physical education bowling class will operate the device, instantaneous delivering feedback of all the students' moves.

The Student Wives Association will also be using the new machine. Private lessons utilizing the video-tape will be taught by Stevens. The only charge will be for the bowling itself; the lessons and machine use are free.

The new machine will serve an educational purpose. "We can always try to tell someone what he's doing wrong, now can show him,' commented Stevens.

Jesus of Nazareth

"He is the image of the invisible God, the first born of all creation. for in him all things were created . . . "

Col. 1:15, 16a

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> Tom Robbins Another Roadside Attraction

This ad Sponsored by Brad Preston, et al.

Guess right, take home 45s

KUID-FM and Paradise Records will have an exhibit at the Latah County Fair this weekend. No, it's not the world's largest phono needle. An undertermined number of 45-rpm records will be stacked on two poles, and the lucky person who guesses the number or is closest to it will win the records.

KUID station manager Parker Van Hecke said that guesses will be collected Friday and Saturday, with one stack being given away each night. The winner does not need to be present to win.

KUID will also have a remote broadcasting setup at the fair, and will offer live commentary of the fair events.

Are you ready for Hitler's top 40 hits?

(ZNS) Are you ready for a rock opera based on the life of Adolph Hitler?

The EMI Electrola Company reports from Hamburg that a double album set, called "Rock Opera: Der Fuehrer," will be released September 18 in West Germany.

The two-record set reportedly features three lead characters, playing the parts of Hitler, Joseph Goebbels, and his female companion, Eva Braun. According to EMI, the Hitler musical is being recorded in English, but there are currently no plans to release it in the US or Canada.

EMI insists that the rock opera does not glorify the Fuehrer, but instead depicts him as a talented demagogue whose mass appeal amounted to a kind of religion.

A movie about the former gernan leader called "Hitler--A Career," is currently a boxoffice sensation in West Germany, but is also triggering scattered incidents of violence at theaters where it is being

presents

Dakota Dave Hull

Theater Arts plans five major plays

presented this year by the U of I Department of Theater Arts. In addition, some studio plays will be produced under the directorship of theater arts students.

Dr. Fred Chapman, of the University of Toledo, joins the staff as department head, replacing Forrest E.Sears, who served as interim department head last spring and fall. Sears will return to his teaching and directing position.

The five plays being offered

this year are:

Godspell - By Stephen Schwatz, author of Pippin and The Magic Show. One of the longest running shows of the '70's, the rock musical is a unique treatment of the Gospel according to Matthew. Well known songs from the show include "Day by DAY" and "Turn Back O Man." Godspell is directed and choreographed by by Carl Petrick. Shows will be Oct. 13, 14, 15, 16, 19, 20, 21 and 22.

The House of Bernarda Alba -Stark, sensual play of female passions, by Fredrico Garci-Lorca, the major Spanish playwright of this century. After the death of their father, five daughters are locked into eight years of mourning by a domineering mother. Repression, frustration and jealousy burst into violence. The all-female cast will be directed by Forrest E. Sears. Performances will be Dec. 1,

The Importance of Being Earnest - Oscar Wilde's masterpiece of intellectual wit and characterization. For 90 years, probably the most produced play in the English language. Exagerated, cartoon-like characters, excellent wit and style of language, highlight this longtime favorite, directed by Fred Chapman. Performances will be March 2, 3, 4, and 5.

Alice in Wonderland child's myth expanded for the adult world, developed by the Manhattan Project Co. of New An avante-garde, acrobatic romp, with the actor's bodies providing all the stage decoration and settings. It's a different Alice, directed by Carl Petrick. Shows will be April 20, 21, 22 and 23.

Moon for the Misbegotten -Eugene O'Neill's last play, and highly autobiographical in It has comedy, nature. tragedy, and just about every other element of theatre. "Everything about it is so tremendous, that it reduces almost any other modern drama to virtual pettiness," says reviewer Richard Watts. It will be directed by Forrest Sears. Performances will be May 4, 5, 6 and 7.

Tickets will be \$2.75 for nonstudents and \$1 for students, except for Godspell, which will be \$3 and \$2. A season ticket is \$10 for the general public, \$5 for students, or two students for \$8.00.

Cutler by Cutler: photos showing in SUB

An exhibition of self-portrait photography by Paul Cutler will adorn the west wall of the Vandal Lounge in the SUB beginning today.

Cutler, a junior in range resources management, interned as a photographer at the Idahonian last spring. He worked with Phil Schofield and Randy Kalisek while there.

The exhibit will continue until Oct. 5, according to Imagene Rush, programs coordinator.

Viking treasures on display in museum

Norwegian Viking Art, a collection of photographs presenting the unique art and culture of the Viking era in Norway, is now on display at the University Museum, Room 220, FOC-West.

Viking ships, treasures and other goods from graves and additional finds are the theme of the exhibition. Also pictured are famous sites, battlefields and dwelling places of the

The Viking era was a period of expansion, internally and externally, for Scandinavia. The Vikings colonized Iceland, discovered Greenland. dominated parts of Russia and conquered England and Ireland.

The violent and warlike picture of this age materializes when the objects found in the graves are examined. Weapons appear in practically every man's grave: sword. spear, ax and shield. Women's graves usually yield jewelry, kitchen utensils and handicrafts.

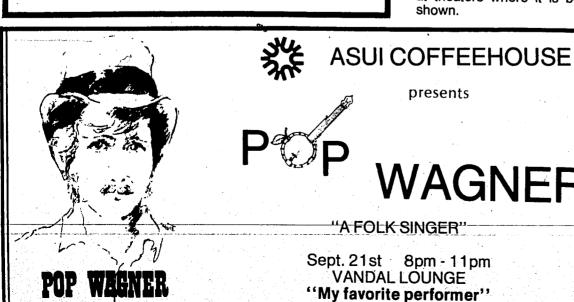
The silver and gold objects pictured came from treasure finds. The richest, located at Buskerud, consists almost entirely of gold and weighs more than five pounds.

The Museum is open to the public from 9 - 4 p.m., Monday through Friday. Norwegian Viking exhibition will be on campus until Oct. 14.

Pink Panther errs

The movie Pink Panther that is scheduled on the ASUI programs calendar will not be shown. A scheduling mixup caused the short, which was played with another film, to be listed as a separate film.

Don't go, unless of course. you want to sit and not watch.



'Slackwater' prints local writings, art

The Spring-Summer issue of The Slackwater Review is now available (price, \$2.50) at local This issue bookstores. features work by several Moscow residents, some of whom are connected with the

Henry Alley, who teaches courses in modern British fiction and fiction writing, has a short story, "Within the Dial," in the biannual magazine of the arts, and Linda Pall has an informal essay on the birth and development of Ballet Folk, which has its headquarters in Moscow.

"Snowman in Summer," a long poem by Tina Foriyes, who teaches creative writing and American literature, appears for the first time in print. The poem has been a favorite among audiences at her poetry readings during the past year.

Slackwater also includes a ten-page "Gallery" and other graphics by Moscow artist, Liz Mowrey. Mowrey works at 202 Gallery, located on Second Street, and with Creative Workshops.

Keith Browning, editor and publisher of the magazine, announces in this issue the appointment of McFarland, of the English department, as poetry editor and of humanities librarian Milo Nelson as art editor. Poems submitted for publication should be sent to McFarland, Department, English accompanied by a selfstamped addressed, envelope.



Director Carl Petrick demonstrates a step to cast members of the musical Godspell.

Watch out musketeers 'Royal Flash' is here

For you swashbuckler fans, more action is in store tonight when the SUB films presents Royal Flash at 7 and 9 p.m. Admission is 75 cents.

Directed by Richard Lester, whose Three Musketeers series brought comedy and

swashbuckling together, the film brings a tongue in cheek approach to the tale of Captain Harry Paget Flashman of the 11th Hussars.

Malcolm McDowell plays "Flash," a reckless sort who loves gambling, deflowers royalty and peasants alike and runs for cover at the first sign of swordplay.

Flash has his run-ins with the ladies, notably the sexy and demanding Lola Montex, played by Florinda Balkan. In a bedroom brawl she wields a vicious brush. Britt Eklund is also her succulent self as the dutchess who is fraudulently married to Flash.

Don't forget to buckle your

Frampton catches ʻpink eye'

(ZNS) Peter Frampton has been ordered to rest for about a week after coming down with a serious case of "pink

eye. Frampton says he has no idea how he came down with the highly-infectious and contagious irritation. He is scheduled to begin working later this month on the movie version of "Sergeant Pepper."

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Idaho on the go

Sept. 16 and 17 - Ballet Folk of Moscow, 8 p.m. Ernest W.

Hartung Theater, \$3 public, \$2 students Sept. 16 - Film: Royal Flash, 7 and 9 p.m. Borah Theater, \$1

Sept. 17 - Football, Pacific, 8 p.m. Kibbie-ASUI dome Sept. 18 - Film: Beauty and the Beast, 5, 7 and 9 p.m. Borah Theater, 75°

KUID-FM 91.7 MHz "Album Preview" each evening at 9 Sept. 16- Special Live performance; Liz Olds, guitarist

Sept. 17 - Kenny Drew and Niels Henning Orsted Pederson, "Duo Live in Concert"

Sept. 18 - Airto Moriera, "I'm Fine, How Are You?" Sept. 19 - Hummingbird, "Diamond Nights"

KUOI-FM 89.3 MHz "Preview 77" each evening at 10:05 Sept. 16 - Elvin Bishop, "Raisin" Hell"

Sept. 17 - Crawler, "Crawler" Sept. 18 - Sonny Fortune, "Serengeti Minstrel" Sept. 19 - Chris Hillman, "Clear Sailin"

Sept. 16, 8 p.m. - Evening at Pops: Roy Clark

10 p.m. - Bergman Film Festival: A Lesson in Love (1954)

Sept. 18, 6 p.m. - Centerstage: Ravi Shankar

Sept. 19, 10 p.m. - Bergman Film Festival: Dreams (1955)

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No Cover

We now serve your favorite Cocktail... A quality drink at an inexpensive price.

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Earth News becomes Daily Planet

(ZNS) The owners of the highly successful High Times magazine have branched out into the field of radio news.

The principal stockholders in High Times report they have purchased Earth News Service, a national news organization, specializing in alternative news for radio. High Times publisher Andy Kowal says that one of the group's first moves will be to transfer the Earth News operation from San Francisco to New York City.

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beginning this week, Earth News will send out its daily dispatches from New York rather than San Francisco; in addition, the name of the seven-year-old radio service will be changed from "Earth News" to "Planet News"

Kowal says that the reason for the move to New York is editorial maximize efficiency." Kowal says he believes that by combining the news gathering resources of Earth and *High Times* in New-York, a stronger news service will result.

The new owners say they plan to keep their newlyacquired audio feature, known as The Daily Planet, in San Francisco.

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The Moscow scene: where to dance, drink, play...

By DAVID NEIWERT

It is one of the many facts of life in Moscow, Idaho that one attends the bars. Any longtime resident can tell you there are only two things to do over and above school, and that is to go to the movies or get drunk. You can do both but you might throw up on somebody.

With this in mind, the Argonaut humbly submits the following informal and hopefully informative guide to our local drinking establishments. The guide will probably be less than useful for the experienced veteran, but will perhaps give the novitiate a fighting chance.

Keep in mind a few generally applicable rules: first, that all the bars in town (with a few exceptions) are crowded on Friday and Saturday evenings.

If you're looking for action then this is the time to go. If you want a nice, quiet drink alone or with someone we would suggest selecting some other time. (The order in which they appear does not in any way reflect a preference.)

RATHSKELLER'S: This is probably the biggest bar in town, and they do a lot of business. A band is usually performing disco or hard rock and they do a fair business in foosball. Beer only is served. A large number of people that attend this bar are from WSU, so dress accordingly.

THE SPRUCE: This is definitely one of the crazier bars in town. On Friday afternoons you're lucky to enter the door and make it to the other end unscathed. Another WSU favorite, only this time it's the rowdy segment. Can be a lot of fun, if you know how to survive (hint: be inconspicuous). Once again, beer only is served here.

THE GARDEN LOUNGE: A fairly pleasant bar that stays quiet until the weekend. Archaic interior and dim lighting prevail. These folks serve liquor and beer at a

reasonable price, and their drinks are considerably stiffer than those served at most bars, such as...

THE EAGLES CAPRICORN BALLROOM: And while these folks may serve less-than-stiff drinks, they have good service and a good price at Happy Hour. They also usually have a band playing country and western music.

THE BILLIARD DEN: This is the place to go for pool and, if you like, foosball. The atmosphere here ranges from extremely quiet to extremely noisy, and they serve only beer, but they store their glasses in the refrigerator bin. They also have a first-rate jukebox.

MORT'S: This is the big foosball bar, with a large number of high-quality tables, plus a quarter pool table and some pinball games. This is also strictly a beer bar, and on busy nights it's a tight squeeze to get around the bar. The stereo system they have is very good.

THE ALLEY: The name of this place is rather fitting; much of the time this bar is as crowded as Macy's on the day before Christmas. And its size doesn't help matters any. But they serve hefty pitchers of beer and the people who go there have a good time.

THE CORNER CLUB: This bar

THE CORNER CLUB: This bar is the closest thing the Palouse has to a honky-tonk. They have hardwood floors.

old tables and ancient interior. The place is a little grimy but for all of its faults it has a kind of class. I would not, however, recommend wearing a tuxedo in here.

THE PLANTATION: Another slightly dingy place, this bar is nonetheless a cheerful place in which anyone in levi's and t-shirt can feel comfortable. They also serve only beer, but they have one of the best prices in town.

Redford may go with wind

(ZNS) Are you ready for Robert Redford to play the part of Rhett Butler in the upcoming sequel to "Gone With The Wind"?

The New York Post says that Redford is the first choice of producers Richard Zanuck and David Brown, who have been given the okay from Universal Studios to begin shooting a sequel to the 1938 classic.

While Redford is reportedly the frontrunner to play the role made famous by Clark Gable, no female lead has been selected to replace Vivien Leigh.

The Post adds that there's a strong inclination on the producers' part to repeat the original "Gone With The Wind" worldwide search for an unknown to play Scarlett O'Hara.

... and slurp

THE SLURP 'N' BURP: This place is out of town on Robinson Lake Road. That makes it quieter than the intown bars because most of the WSU crowd haven't found out about it yet. Four pool tables and two foosball tables make it pretty easy to get a game going without waiting. They also have the best burgers in town. Sports fans will like the four foot by six foot TV screen for weekend football.

Argonaut/Jim Collyer

I'd like to add a footnote to this guide regarding the use of ID cards. Mainly, it is unwise to try to get into the bars if you're underage or don't have an ID because, unless you're a grey-haired and bearded 18-year-old, your chances of getting in are rather slim. And it's downright idiotic to use a fake ID because they'll invariably bust you for it.

Judge clears rear

(ZNS) The Supreme Court of Switzerland--in a landmark decision of sorts--has ruled that the flashing of a bare bottom in public does not offend public decency.

The tribunal announced its decision in the case of a 48 year old woman from southern Switzerland who had ended an argument with another woman by dropping her pants and presenting her bottom.

Because a number of children are said to have witnessed the dramatic gesture, the woman who made her point was hauled into court.

A lower court originally sided with local prosecutors, ruling that any bare posterior so presented was indecent. However, the high court on appeal not only reversed the conviction of the defendant but awarded her \$200 in damages for having had her inoffensive derriere dragged through the courts.

Beauty meets Beast!

By DAVID GAFFNEY

This Sunday the ASUI Film Society will show one of the finest films in cinema history, Beauty and the Beast. Jean Cocteau wrote and directed this, his first full length movie, in 1946; he created realistic fairy-tale atmosphere of sensuous elegance.

As a child escapes from the everyday life of the family to the magical world of the storybook, so Beauty's farm with it's French Provincial simplicity fades in intensity as we are caught up in the Beast's enchanted landscape.

Jean Marais is truly a most beautiful Beast. Beauty's self sacrifice to him holds no more horror than a romantic fantasy should have.

Greta Garbo, when she was shown the film at a private screening with Cocteau

himself, is reported to have turned to the director when the movie ended and said, "Give me back My Beast!"

This is a movie about the special quality of love, and if you're in love or not, you're not likely to forget this film. It has a suggestiveness unlike any other film you have ever seen.

This is truly a priceless and rare film experience not to be missed. The special effects of Beauty and the Beast are amazing and represent Cocteau's obsession with the themes of dreams and the ecstasy of love.

Along with the film will be shown a short award winning feature from Canada, "The Family that Dwelt Apart." Show times for the film are 5, 7 9 p.m. in the Borah Theater. Admission is 75 cents.

Rock puts rocks in Son of Sam's head

(ZNS) Cashbox magazine reports that several newspapers in New York are alleging connections between David Berkowitz, the alleged "Son of Sam" killer, and the lyrics of rock music songs.

According to one published report, Berkowitz is described as having been "obsessed" with Black Sabbath's album, "Master of Reality," during his reported drug experimentation period in the early 1970's.

Several newspapers state that Berkowitz's letters to

friends and relatives while he was serving in the US Marine Corps contained quotes from Black Sabbath, Beatles and Jimi Hendrix songs.

Prior to Berkowitz's arrest, there had been speculation in the new York Press that the "Son of Sam" was influenced by the late Jimi Hendrix in particular. According to those reports, one of Hendrix's early hits, a song titled "Purple Haze," actually contains the line, "help me, help me; son of Sam, son of Sam."



A ROTC student rappels down the face of the Moscow Fire Department's practice tower. The demonstration was held Thursday afternoon.

Friends of Animals sponsors essay contest scholarships

Friends of Animals, Inc., a New York-based national humane conservation organization, has announced a scholarship program for university students.

The program is aimed at focusing interest on the relationship of humans to other life forms as well as inducing student concern for

Danes ready for pregnant soldiers

(ZNS) The Danish Army recently announced that it will soon be out with a new fall line of fashions for pregnant soldiers.

Now, not to be outdone by its European allies, the U.S. Navy reports it has approved a standard maternity uniform for its female officers who become pregnant.

The Navy says that its new fashion line for pregnant sailors was developed from "off the rack" fashions and proven commercial patterns, thus saving the service considerable designing costs and wear-testing expenses.

Just two years ago, the Pentagon automatically discharged any women who became pregnant. Now, the Navy, at least, allows them to stay on and wear civilian-like maternity clothes once their uniforms get too tight.

the work of Congress. Annual scholarship awards in the aggregate amount of \$8,000 will be given those students who submit the finest essays in support of a federal legislative campaign to end human exploitation of animals.

The 1977-78 essay contest will center on the Williams-Long bill in the Congress which would ban the interstate shipment of furs from any state or nation which has not banned the leg-hold trap, the device used to catch and hold fur-bearers such as raccoon, bobcat, coyote and other animals wanted by the fur industry.

The scholarship program was made possible by a grant from Regina Bauer Frankenberg, a director of FOA and president of its Washington lobby, the Committee for Humane Legislation, Inc.

Legislation, Frankenberg's motivation for the grant, she said, was to "engender concern for the environment and non-humans in young people." She noted that "new technology provides alternatives to the exploitation of animals for food, material, sport and scientific research."

The scholarship awards will be made to students, undergraduate or graduate, majoring in the fields of philosophy, journalism, law, economics, theology, and-or political science.

Miller looks after homemakers at leadership meeting in Washington

A U of I home economist who is president-elect of the Idaho Home Economics Association says that group's three main legislative concerns involve displaced homemakers, licensing of child care services and the federal Consumer Protection Agency.

Laura Miller, assistant professor of home economics, is taking those concerns to Washington, D.C., this week to a national leadership meeting of the American Home Economics Association.

"We are encouraging passage of legislation of the state level to help displaced homemakers as well as seeking federal funding for displaced homemakers centers to be developed in each state," Miller said.

Eleven states have approved displaced homemaker bills and two, California and Maryland, have centers which provide job counseling, training and placement as well as health and financial counseling.

"A displaced homemaker can be a woman or man, but national statistics show that most of the estimated 2.2 million people in this group are women."

"Displaced homemakers are people who have been in non-paid positions in the home who have been supported by an income source that has stopped and who as a result need help getting back into the work force."

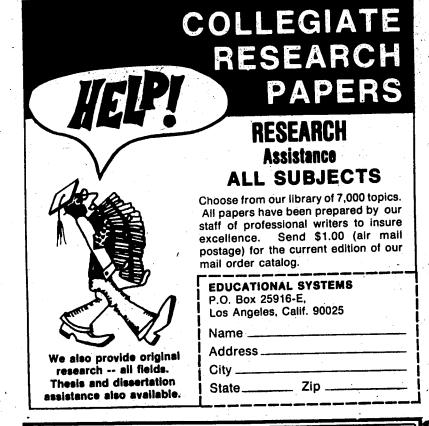
She will also be sharing ideas on child care, based on the state organization's experience working for legislation to change the guidelines for the licensing of child care facilities in Idaho.

"We've been working on changes for two years and will likely bring the matter up again this legislative session," Miller said. The guidelines concern the size of a facility, number of children allowed and so on.

Miller said the guidelines must protect the children, but also should help those providing the services.

"We have a concern for the

women in their homes for whom child care is their livelihood," she said, adding they don't want the guidelines to discourage licensing for those working at home.





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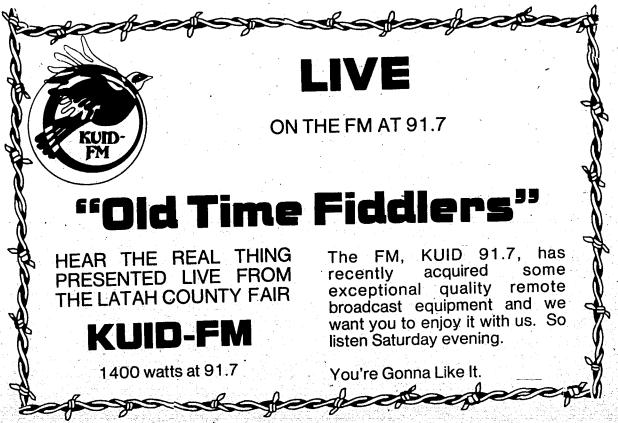
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ROTC draws students from around the nation

By KIT FREUDENBERG

Attracting students from as far away as Maryland, Alaska and lowa, the Officer **Education Program currently** has 198 men and women enrolled. Participants claim the ROTC program offered by the Army and Navy here helped them choose this university.

Joe Sheehan, an accounting sophomore from Alaska, said he had considered West Point,

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but did not want to be committed to a military career too quickly. He chose Idaho because of the many outdoor activities offered through Army ROTC.

A geology senior from Maryland, Jim McNitt, transferred to Idaho from Arizona because of the good reputation of both the Navy program and the geology department and "to ski." NcNitt accepted a two year scholarship and will be commissioned upon graduation this spring.

The reputation of the military units and the variety of the activities seem to be a great attraction for other students, too. Angela Farley. psychology major, became involved with Navy activities as a member of the Corvettes, a naval auxiliary group. Farley said that as an off-campus student, the program has given her a chance to enjoy all types of social events and to meet new people.

The attitude of Idaho toward ROTC students convinced Brian Turner, a freshman in general studies, to leave California. Turner said he would not want to be in a military unit on the coast. "Students don't like anyone in any type of uniform" he said. Turner receives a Navy scholarship which pays for his books, tuition and \$100 per Without the assistance, he could not afford the out-of-state tuition. he said.

The Army program does not require freshmen sophomores to have regulation haircuts and wear uniforms unless they join the Honor Guard or any activity which would require military clothes. Bruce DeLeonard, a TKE member majoring in bacteriology, enjoys the extra latitude given him "to think about the future. You don't have to go right away gung-ho

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Army," said DeLeonard. That decision will not have to be made until his junior year. However, he considers a military career a good option

after graduation.

A few men say "You're ROTC?" and sometimes get 'turned off," said Marcy Moon, a recreation major in the Army program. However, most don't think like that, she Moon agrees with DeLeonard about the attitude on campus towards ROTC: students pretty well accept it.

Jon Flora wants the practical experience offered through Army leadership training. agricultural Flora, an economics senior from lowa, believes the training will help him develop the ability to make managerial responsible

desisions.

"I know where I'm going," said Alan Bruns, junior. A forest resource management major, Bruns receives an Army scholarship which pays for his tuition, books and \$100 per month. The scholarship commits him to four years active and two years reserve duty.

Women in both programs claim little or no discrimination by the cadre and men in the units. Moon said that she will be "backed all the way" by the men when trying out a new activity such as rappelling.

"The Navy is trying to attract women into the program," said Mary Lask, a radio and TV major from Maryland. She said the unit sometimes pushes the female midshipmen harder than the men. Wednesday, Lask said she "sprained" her stomach trying to do 80 situps in two minutes-the maximum amount required by the woman's physical training test in October. "I want to do my best," said Lask.

Flora said he experienced reverse discrimination during his six week Army summer training camp this year. He said the women in his platoon were "catered to" by the cadre and he resented the additional publicity they received for regular job performance.

Problems with credit

acceptance caused Harv Nelson, a senior in agricultural engineering, to enroll for an extra semester. "I have 21 credits that don't count in the engineering program," said Nelson, referring to his Navy and Marine classes. He said his Marine haircut does get looks from other students, but it doesn't bother him. Nelson hopes to be commissioned in the Marine Corps Engineers after graduation.

But Army ROTC participants enjoy not having to wear a Most of the uniform. underclassmen interviewed like the time given them to make a career decision.

ROTC students want to "get in and look around." Only one of the interviewed students said he would make the military his career. Daniel, a Navy enlisted man, is enrolled in the Naval Enlisted Science Education Program (NESEP). The program offeres enlisted men a college education in a "hard science" and a commission. Daniel, an electrical engineering major, receives his normal pay, plus books and-tuition, and wears different insignia from the midshipmen.

Some Navy midshipmen believe their program to be more professional than the Army. Army ROTC is "like a club," according to Alan Sullivan, a finance major from Grangeville. He said the Navy offers more technical training.

The Officer Education Program has received high marks from its own students and other units in the Pacific Northwest. The Navy unit finished last year's Northwest Navy Competition as the overall winner. Based on individual participation, the Army unit placed 6th after the summer training camp.

Some students will not complete the program, and many who do will not complete a 30 year military career. But most of the students involved like ROTC, because they say it supplements their curriculum experiences responsibilities they could not get elsewhere.

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Blues albums featuring such artists as Johnny Winters, John Mayo, and the Gregg Allman Band may be experienced on Thursday from 10 pm to 2 am and on Tuesday from 10 pm to 2 am.

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Billy Graham pays mobster

(ZNS) The Reverend Billy Graham is reported to have paid more than \$10,000 in cash to the late mobster Mickey Cohen in return for Cohen's help in spreading the wora about Christian crusade.

Los Angeles investigative reporter Chuck Ashman claims that shortly before Cohen's death last year, the mobster told him about receiving large cash payments from the Graham organization.

According to Ashman, Cohen was advanced the sums of money after he showed up and was photographed by the media in front of a mass

religious rally sponsored by Billy Graham in 1957 at Madison Square Garden.

Ashman adds, in his new book called The Gospel According To Billy, that the pay-offs from Graham to Cohen have been confirmed by a U. S. Justice Department attorney and by two other, eyewitnesses.

According to Ashman, Cohen once asked the Reverend Graham, "How can you be a big Christian and go along with the paying of money to me to jazz up your crusade?" Graham's reported reply was,

"You can put no price on salvation."

ASUI officials set hours

Students wishing to contact ASUI officials will have a better chance of doing so if they consult the schedule of office hours.

President

Lynn Tominaga Monday 8-9, 10-12 Tuesday 8-5 Wednesday 8-9, 10-12, 2:15-5 Thursday 8-5 Friday 8-9, 10-12, 2:15-5

Vice President Gary Quigley Monday 1-5 Tuesday 8-10, 1-3 Wednesday, 1-5. Thursday 8-10, 1-3 Friday 1-5

Senators Steve Bradbury Monday 11-12 Tuesday 2-3 Wednesday 11-12 Thursday 2-3

Bob Harding Monday 1-2 Tuesday 3-4 Wednesday 1-2 Thursday 3-4 Friday 1-2

Ken Harris

Monday 1-3 Wednesday 1-3 Thursday 1-2 **Rusty Jesser** Tuesday 11-12, 6:30-8 Wednesday 3-5 Sunday 7-10 am by appointment

Sally Johnson Tuesday 2-5 Thursday 2-5

Bruce Moorer Tuesday 12-2 Thursday 12-3

Mark Nuttman Monday-Friday 2-3

Dan Prohaska No scheduled hours

Greg Switzer Monday 1-2 Tuesday 10-12 Thursday 10-12

Gerry Wright Tuesday 10-11, 3-4 Thursday 10-11, 3-4

Vickie Tucker Tuesday 1-3 Wednesday 2-3 Thursday 3-5

Attorney General **Ned Cannon**

Monday 2:30-5 Tuesday 4-5 Wednesday 2-5

Faculty Council Larry Peterson Thursday 2-5

Dan Mertens Thursday 10-12 Friday 11-1

Tamara Sloviaczek Tuesday 11-12, 3-4 Thursday 11-13, 3-4

Pat White Tuesday 11-12 Friday 11-12

Department Managers Golf Course Board Manager -Mike Helbling Mon., Wed., Fri. 8-12

Programs Board Manager -**Devon Curry** Monday-Friday 3-5

Promotions Manager - Cyndy Thomas Monday 11-12 Wednesday 10-12 Friday 10-12

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Sex Pistols go under cover

England's controversiál punk rock group The Sex Pistols, has finally found a way to overcome the widespread bans which have them from prevented concert appearing throughout Britain.

Since their rise to prominence earlier this year. the band has suffered a continual series of setbacks caused in part by their outrageous behavior and most recently because of their irreverent recording, "God Save The Queen."

In recent months, the Sex Pistols have been unable to perform in London or elsewhere in Great Britain, because most local townships have forbidden performances by the band.

Last week, the group began a completely unannounced and unadvertised tour of Britain. It

Burial: standing room only?

(ZNS) An Oregon resident, who believes that millions of acres of land could be saved if we buried people standing up rather than lying down, has applied for a special patent in England.

Alfred Schmitz concedes in his patent application that "If the conventional casket is tipped upright the body would slump to the foot end.'

Schmitz's application inludes detailed drawings of plastic supports that would be fitted below the arms and legs, causing the body to remain standing.

has avoided trouble because the concerts are being held in small clubs that are rented under phoney names...

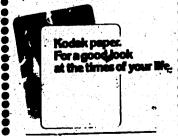
The first such concert was billed as an appearance by a non-existent band called "The Spots". The Sex Pistols' management says they will rely on word-of-mouth advertising to avoid the riotous situations which occurred during previous concerts by the band.

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University of Idaho researchers have undertaken a study to determine the environmental Impact of mining kyanite, an aluminum-yielding ore, from Woodrat Mountain near Orofino. Gathering information on soil stability, water systems and other engineering aspects at the site was Jim Osiensky.

Frat olympics for women tomorrow

The Sigma Alpha Epsilon Fraternity on campus will hold its annual olympics for women tomorrow.

A crawling contest, disrobing

relay, pie-eating contest and a tennis ball push highlight the planned events, according to Jim Crow, SAE spokesperson.

Crow said, "We've held the

olympics every year for about 25 years." All the women's living groups on campus were contacted and so far 14, including five residence halls. have signed up, he said. About 500 women are expected to compete.

Off campus students have never entered a team in the olympics, Crow added.

The games will start with a parade for participants which will travel "the wrong way" up Greek row at 1 p.m., Saturday, Crow said. The parade will end at the Administration lawn or the ASUI-Kibbie Dome depending on the weather, he said.

Last minute entries must contact Crow at the SAE house located at 920 Deakin Street no later than today, he said. The SAE phone number is 885-6621.

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Maybe mined

Woodrat kyanite source

With alternative ways of making aluminum becoming more attractive as the cost of bauxite rises, College of Mines researchers have begun looking into potential impacts from mining another aluminumyielding ore.

Financed by a grant from the Surface Environment and Mining (SEAM) program of the U.S. Forest Service, Terry Howard and Dale Raiston are working to determine the environmental impact that mining kyanite from Woodrat Mountain near Orofino could have on the area. When the study is completed in early 1978, it is expected to provide information on soil stability, water systems and other site engineering aspects.

"We aim to provide the technical knowledge so the mineral resource can be developed efficiently and managed in an environmentally sound manner," remarked Ralston, associate professor of hydrogeology, and Howard, associate professor geological engineering.

For many years, geologists have known that Woodrat Mountain contains kyanite but the low processing costs of bauxite, the primary ore from which aluminum is now made, meant the mining companies left the kyanite untouched because reclaiming it was a more costly process.

Now, a high percentage of bauxite is imported, and the United States is looking at ways to become self-sufficient in aluminum production including ways that were labeled too costly before.

Ethyl Corp. of Baton Rouge, La., has proposed to mine Woodrat's kyanite, but a starting date has not been set. In the meantime, the scientists have been asked to define problems and outline the impacts that may occur during development of the site.

"Economically, Lewiston and

the Port of Lewiston could see quite an impact if the company decides to barge the ore down river," Howard said. predicted Orofino would not experience rapid population growth, even though when mining begins, it is planned as a long term project. The pair, assisted by Jim

Osiensky, hydrology graduate student from Attleboro, Mass., and Bjorn Bjornson, former geological engineering graduate student from Reykjavik, iceland, considering four geologic and hydrologic aspects of site development-rock slides, soil stability, water systems and reclamation.

"A preliminary study shows rock slides are a potential threat," Howard said. indicating there are several faults in the mountain rock. "Steep slopes combined with the presence of water could also lead to landslides and other soil stability probelms."

The geological engineer noted that both rock and land slides can occur naturally but pointed out that the danger of either one could significantly increase if mining were to begin without sufficient planning.

Ralston said Woodrat Mountain is made up of four kinds of rock. In areas of the mountain where there are many cracks and fractures, water is able to pass through, resulting in many small ground springs and, on the east side of the mountain, a confined artesian aquifer system.

"Mining activity on the mountain could affect the natural flow systems of existing streams and ground water systems." hydrogeologist observed, explaining that most water systems flow down rock fractures, and mining activity could redirect the flow.

The researchers suggested reclaiming mined areas will be simpler and cheaper if most of the residual material is left in place on the mountain rather fhan sending it away with the ore for later separation.

"Gravel pits and open mines are generally unacceptable to regulatory agencies and the public." Howard said. indicating they must be filled in and relandscaped when mining is done-operations that drive the cost of mining the mineral up.

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BARS UNLIMITED

2710 E. Main Lewiston, Idaho (208) 743-2105 Greg, Cher share

(ZNS) Gregg Allman and his wife Cher will soon be out with an album they recorded together. The LP is to be titled "Allman and Woman."

According to Capricorn Records, the Gregg and Cher record is due to be released very soon.



Troy

In and Fore (pres Incor 6515 Pal Th

> Univ or COVE expr how used that as a

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A gift forest provides diverse opportunities

By JEROME MONTAGUE
In the years between 1932
and 1935 C. L. Billings of the
Forest Development Company
(presently Potlatch Forests
Incorporated) gave the U of I
6515 acres of forest in the
Palouse Range

The title was deeded to the University with no restrictions or reservations but in the cover letter to the title, Billings expressed his wishes as to how he felt the land should be used:

"...it is our further thought that the area should be used as an Experimental Forest as long as there is a Forest School at the University...we wish to ask for liberal treatment of nearby bona fide residents in regard to grazing and fuel wood privileges as is consistent with good forest management."

The U of I Experimental Forest has since been expanded by purchase,

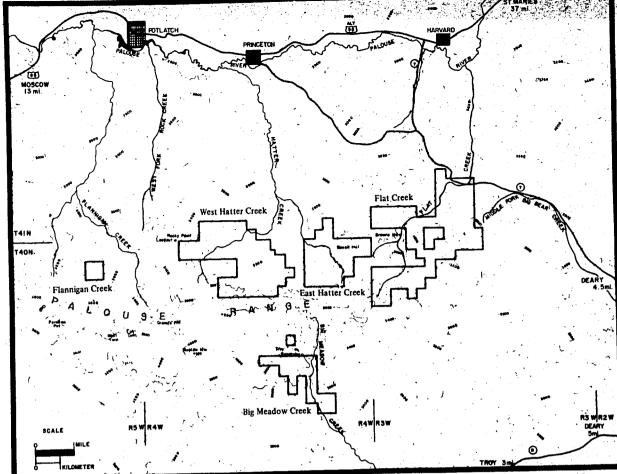
donation and exchange to its present acreage of 7158 acres. The Forest has been divided up into five major sections determined by the drainages in which they are located.

Those units are: Flannigan Creek (160 acres), Big Meadow Creek (840 acres), East Hatter Creek (1231 acres), West Hatter Creek (2159acres) and Flat Creek (2765 acres).

The areas had been selectively cut for white pine, ponderosa pine, and cedar poles before their presentation to the University, consequently grand fir and douglass fir now comprise 60 percent of the stand.

Western white pine presently contributes 2 percent to the gross volume of the forest.

In the first few decades after university control very little was done on the forest. During the 1930's, 160 acres



This map depicts the locations and size of the units which comprise the U of I college forest. All the holdings lie in the Palouse Range northeast of Moscow.

of the Big Meadow Creek Unit were used as a camp for the Civilian Conservation Corps.

There were several small timber and pole sales early in the 1940's and in 1949 an 800-acre white-tailed deer enclosure was constructed under the cooperative efforts of the College of Forest, Wildlife and Range Sciences (FWR), Idaho Fish and Game Department, and the U. S. Fish and Wildlife Service in the East Hatter Creek Unit. Very little in the way of forest management or education had been carried out on the experimental forest.

In 1972, a major change occured in the management policy of the college of forestry. It was decided that logging operations should be allowed in the forest. Franklin Pitkin, an FWR proefssor, was chosen to oversee all

operations on the forest.

Pitkin and the college's administration decided logging would assist in reaching several goals. Pitkin said, primarily it would improve stand quality by removing many diseased and overmatured trees. Secondly, maintaining a logging crew comprised of students, logging would allow for practical training in logging techniques. Lastly, it would creat an essentially self-supporting logging operation and maybe even provide funding for further research.

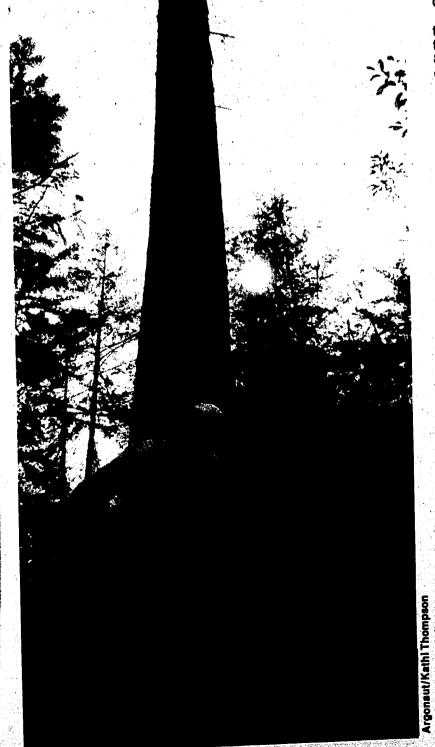
The estimated total volume of timber on the land is 121,710, 682 board feet. Pitkin is shooting for a rotation age (time between cuttings) of between 80-100 years which would allow an annual harvest

he said.

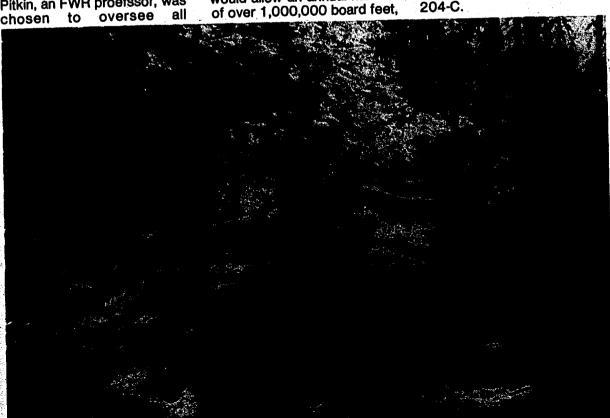
The 1977 contract with Potlatch Forests Inc. pays \$170 per 1000 board feet providing for an estimated gross annual income of over \$170,000 Pitkin said. The annual cost for maintaining the logging crew and equipment is estimated at \$80,000.

The surplus monies are used for research projects within FWR. Grazing permits for local cattlemen provide further income but it is minute compared to the timber value, according to Pitkin.

The forest provides a good habitat for wildlife. The area is open to backpacking, hiking and hunting. Those wishing to use the forest for other purposes such as gathering firewood should contact Pitkin at the FWR building in room 204-C.



A student logger prepares to fall a tree as part of the timber management currently underway on the forest.



The university's holdings offer cover for wildlife, a place for outdoor recreation, and an additional source of income for the College of Forestry, Wildlife and Range Sciences.

Wetherell enters race for Attorney General

By MARTY TRILLHAASE

Mike Wetherell believes the Attorney General should concentrate his efforts on winning lawsuits rather than grabbing headlines. Wetherell was campaigning in Moscow, yesterday.

The democratic candidate for the office, Wetherell, is going right for the juglar vein of his

potential opponent.
Attorney General Wayne Kidwell is an expert when it comes to getting maximum coverage by the news media. Rarely does a week go by when Kidwell doesn't become embroiled in a major issue.

Last month, he accused the state's major corporations of buying the governor's mansion. Last week, he joined in a Supreme Court suit attempting to block the Panama Canal treaty.

Wetherell refers to the canal suit as a prime example. He acknowledged the canal treaty is a "very emotional issue" and raised objections from Idahoans, but added "Idaho had nothing to gain from that law suit." Only Kidwell stood anything to gain from the effort, he said. "Kidwell was attempting to grab onto an issue in an

attempt to get a headline," he added.

But Kidwell may not be in the running next year. attorney general has taken himself out of the governor's race and has hinted he may quit politics altogether.

There are also indications he may resign.

Another Republican candidate for the office could be Ada County Prosecuting Attorney David Leroy. Wetherell said he prefers to take on Kidwell, however.

Wetherell said he will give more attention to county prosecutors if elected.

"I would improve the administration of the office so that prosecutors, when they request an opinion from the Attorney General's office, they can get it in the shortest period of time," Wetherell said. He added prosecutors have occasionaly not received written legal opinions on controversial cases from the Attorney General's office. The Attorney General's office should not shirk controversy in this way, he said.

When it comes to administrative and legislative experience, Wetherell said he the necessary qualifications for the office. He had been a member of Sen. Frank Churck's staff up to last May. He organized the senator's North Idaho office, as well as running his presidential campaign office in Washington D.C Wetherell was also involved in the drafting of several key pieces of legislation while with Church. His accomplishments in this area include the Hell's Canyon National Recreation bill and the Teton Dam Relief Fund package.

Although a member of the Idaho Bar since 1972, Wetherell has been practicing trial law only since May. This kind of experience is not as important as administrative and legislative experience, he said. "The Attorney General is seldom, if ever, in the courtroom," Wetherell said.
"He is far more an administrator than prosecuting lawyer," he said. Wetherell added the attorney general should keep an eye open for good trial lawyers he may hire as sides,

Wetherell acknowledged the job is a political plum and could open opportunities for him. Unlike some politicians, he does not deny his ambitions "If I did a good job and found I enjoyed it," he said, and an opportunity presented itself, "I'm not going to say I wouldn't

take it.'

Obviously, he must get elected first. That involves becoming better known to the public as well as identifying who his target will be, whether Kidwell or LeRoy. For the moment, the answer to that question is anyone's guess.

REGULAR UNIVERSITY OF IDAHO RESIDENT CREDIT COURSES LONDON, ENGLAND **AVIGNON, FRANCE**



mong the faculty at Avignon Winter Quarter (first half of the second semester) will be Dr. Georgia Schurr of the University of Idaho Foreign Language and Literature Department.

Students may register for University of Idaho credit for winter quarter or spring quarter or both with University of Idaho registration showing second semester 1977-78. Registrants may spend one quarter in Avignon and another quarter in London or vice versa.

Courses Available in London Winter Quarter Jan. 3 - Mar. 10

Phil 400-Seminar: Crime and Punishment: Philosophical Perspectives, 3 semester credits Phil 404 ST: Philosophy of Language, 3 semester credits Museo 204 ST: Museums in London, 3 semester credits

A course in Social Science or English to be selected.

Spring Quarter Mar. 21 - June 2

Soc. 404 ST: Sociology Through Art, Architecture and Literature, 3 semester credits Soc. 331 Criminology, 3 semester credits English 301 ST: City and Country in Literature, mester credits English 267: Survey of English Literature, 3 sem-Anthro 404 ST: London Life, 3 semester credits



Courses Available in Avignon

Winter Quarter Jan. 3 - Mar. 10

FL/EN 404 ST: Medieval French Literature in Translation, 3 semester credits FL/EN 404 ST: Origins of French Civilization, 3 semester credits

French language courses at elementary. intermediate or advanced level for credit. Optional non-credit courses in cooking, art and music.

Spring Quarter Mar. 21 - June 2

History 499 DS: Man in the Midi, 3 semester credits History 499 DS: French Rural Society, 3 semester

FL/EN 404 ST: Provence in the 19th Century, 3 semester credits FL/EN 404 ST: Education in France, 3 semester credits

> French language courses at the elementary, intermediate, or advanced level for credit. Optional, non-credit courses available in cooking, art and music.

Also available Spring quarter in London, courses in architecture, intended for majors in that subject area.

Advanced reservations and deposits required in all programs. For detailed information



Study Abroad Office Paul Kaus or Vicki Hunsinger Guest Resident Center Moscow, Idaho 83843 885-6486

Plenty of vampires

(ZNS) In this era of shortages, it may be a little scary to know that there reportedly are no shortages of vampires at all.

In fact, there are said to be so many vampirés running around the country, trying to suck blood from their victims, that a York parapsychologist has set up a special vampire hotline.

Doctor Stephen Kaplan, author of In Pursuit of Premature Gods and Contemporary Vampires, says that most people are really vampires. That is, that at some time or another they have sucked blood from a cut or scratch.

> Furniture, glassware, dishes,...you name it!

Bill's Antiques

N. Almon Past KRPL Radio Station

Some folks, the doctor says, suddenly begin to develop a special taste for blood and crave it so much they will even kill for it. Kaplan estimates there are at least 10,000 to 20,000 blood-sucking people in the U.S., and hundreds of thousands around the world.

All we can tell you is that men who don't smoke live about 6 years longer than men who do smoke.*

If you want someone to help you stop smoking cigarettes, contact your American Cancer Society.

AMERICAN CANCER SOCIETY

This fact taken from a research study is based on the smoker who at age 25 smokes about a pack and a half of cigarettes a day.

HUGE YARD SALE

Clothes, furniture, household supplies, tools, sports equipment (including Jack Kramer tennis raquet).

ALL MUST GO!

Friday afternoon and all day Saturday. Follow signs to 704 West "C" St. Phone: 882-3658 for details

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5. TRAILERS FOR SALE

1973 Barrington 24x60 2 bedroom, 2 bathroom, patio, skirted, landscaped, water softener. Mountain View Trailer Court No. 27, 758-8428, 758-6543.

8. FOR SALE

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Mamiya-Sekor 1000 DTL 35 mm camera, with Vivitar 251 quto electronic flash; Vivitar 300 mm telephoto lens; brown leather equipment case. Call 885-7943 Ask for Dave.

The Paperback Exchange is now open from noon to 6 Tuesday thru Saturday. We buy sell trade used books. Located on Main up the

Guitar like new steel 12-string Yamaha F6 140 with case \$115. Call 882-5941 after 5 p.m.

Hang glider, 18 foot Rogallo, never crashed. \$250 firm. Call Phil, 885-6371 or 882-3495.

Stereo equipment Lafayette AM-FM stereo receiver model LR 775 \$80.00 Also Ploneer AM-FM stereo reveiver Model SX-434 \$160.00 And KLH model 30 speakers \$100.00 Call (1) 875-5121 after 5 p.m.

Great Dane. One year spayed female, needs a loving home with fenced yard preferable. \$40 or best offer. Call 882-9579, ask for Tracey.

1967 Honda CB 250. Great transportation for these hard times. Basket case Steal at \$50. Call John or Nancy 882-3385.

Pioneer CT-F7171 cassette tape deck and HP-25 programmable calculator for sale. Call 882-0265 or 882-2746 and leave message.

Grayling kayak - High volume, slalom, polyester resin, E-glass \$150. Brent Logan, Outdoor Program Center, SUB 885-6170.

9. AUTOS

'72 Olds Cutlass air cond. radio tape very dependable. New Honda 250 MT 800 miles. Phone 882-8047, Bill.

Toyota Land Cruiser 4 wheel drive 3 speed red and white excellent condition 1969. 882-4845.

12. WANTED

Photo lab technician. mornings. U of I Photo Center, 885-

Slide projector wanted! Any wellworking machine will do. evenings 882-2848 ask for Bart.

14. ANNOUNCEMENTS

A show of hands classes in weaving. Adults and children. Also basketry, christmas crafts. Call 882-6479 for more information.

16. LOST AND FOUND

Lost: Lady's silver Wittnauer wrist watch between Ag. Science and Administration Building on September 9. Was a special gift. If found, please call 885-7484 reward.

Lost one set of keys with four keys on Sun Valley chain. Call 882-2066.

"Virgins beware" of vampire season! If you need "vampire-proofing" contact Tom or Bart at 882-2848 Boosters available, easy installments or pay 'n pack.

LOST: 3 dogs Paradise Hills. Reward. Lara female white and black border - collie mix. Murfy, male brown shepherd mix. Kojak gray male malemute. All have Alaskan ID tags. 882-6299.

key ring with circular leather b. Vicinity Wallace Complex or Kibbie Dome registration day. Crucially vital!! 124 Almon No. 1.



WINTER! So get your ski parkas and winter coats now. All winter coats 15 percent OFF thru Sept. 30th...at Widman's Sport Center - Hwy. 95 South - Moscow - 882-1576.

THINK POSITIVE..IT'LL SNOW THIS

17. MISCELLANEOUS

COLLEGE LIFE: Enjoy some friends and fellowship weekly. Friday evening 7:00 Appaloosa Room. Tonight: "The Sun Seekers" a ½ hour film some find the thrill of Hawaiian surfing still isn't satisfying. Campus Crusade for Christ.

Comfort Zone the Waterbed Professionals 1102 Main - Lewiston. S. 185 Grand - Pullman. Grande Ronde Mall - La Grande (The Bedder

The FM at 91.7 KUID

ionorthan

We took a step back in time and turned an old and distinguished art into a new experience - RADIO DRAMA - our celebration of real radio has begun, and we'd like to thank the "TOMBSTONE

Producer: Steve Davis Cast: Jean DeBarbieris Dan Drooger John Fiske Roger Clark Suzanne Koeplinger Ted Close

...U of I Gymnastics Club will meet to discuss the coming agenda for the year; to finalize a course of action for getting use of facilities and to elect this year's officers. The meeting is scheduled for 7:00 at 513 N. Polk, up E St. from Main, north on Polk 50 yards.

...Charlie Brown's first class in self-subsistency living will meet at the Talisman House at 1:30. The class will then travel to his home for the first session; rides will be provided.

... A Dessert Potluck is scheduled for 7:00 p.m. at the Upper Lounge of the Campus Christian Center. Drinks and utensils will be provided. Sponsored by the Inter Varsity Christian Fellowship.

Sunday ...The first meeting of the year 5738 in the Jewish calendar for the Pullman-Moscow Jewish Community begins at 7:30 p.m. at the home of Frank and Mary Loewus, NE 1700 Upper Drive, Pullman. The meeting will be a welcome for new members of the community and a preview of the year's activities. Plans for observance of Yom Kippur, the Day of Atonement and the holiest day in the Jewish calendar, will be discussed, including car-pooling to Temple Beth Shalom in Spokane. A special presentation will be made during the meeting by John Dudley, a U of I architecture major, entitled "A Sense of Place in the Pullman-Moscow Jewish Community." In it, he will discuss his thesis project which includes addressing possible needs of the community for a center which could serve educational and religious purposes. All Jews in the Palouse area and Lewiston and Clarkston are invited to attend. Those unable to attend but interested in being placed on the community mailing list for future activities should notify Mary Loewus, Pullman, 332-4047, or Joan Muneta, Moscow, 882-3648.

Monday

..Campus Democrats will hold a regular meeting at 7:00 p.m. In the Appaloosa room of the SUB.

...The Athletic Advisory Board will meet at noon today in the SUB. All members are urged to attend. If you have a conflict please call Maud Sterling at 882-0428.

Upcoming and Ongoing

...The Native American Student's Association of the University of Idaho is having a meeting Tuesday, September 20th at 7:00 p.m. All American Indian Students are invited to this meeting which will be held at the Center for Native American Development. The Center is located at 730 Deakin which is the green two-story building on the corner next to the Lamba Chi Alpha fraternity, across the street from the U of I Bookstore and the

Student Union Building. The meeting will consist of getting acquainted with other Indian students on campus and the planning of activities for the coming year.

..Every Wednesday evening at 7:00 p.m. the Moscow Duplicate Bridge Club meets in the Blue Room of the SUB to play duplicate bridge. New memberrs are welcome.

...The Sierra Club will meet Wednesday, September 25 in the SUB's Cataldo Room at 7:00 p.m. Ron Wagner will talk about bicycling in the Palouse. Calendars will be available at the meeting and Gospel Hump will also be discussed.

..."Leda Had Three Daughters" is the title of the first in a series of lectures to be sponsored this fall by Eta Sigma Phi, classics honorary at the University of Idaho. Dr. Cecilia Luschnig, U of I associate professor of foreign languages and literature, will discuss her study of the cause of the Trojan War as portrayed in Euripides' drama "Iphigenia at Aulis. is set at 7:30 p.m. Tuesday, Sept. 20, in room 316 of the U of I

Administration Building. ...An introduction to the educational programs in Agricultural Engineering and Agricultural Mechanization will be discussed Tuesday, September 20 at Buchanan Engineering Lab 314. Career opportunities will be emphasized. Highlights of the 1977 micro-mini-tractor pull contest will be

shown on video-tape. ...The U of I Campus Chapter of National Organization for Reform of Marijuana Laws (NORML) will meet Sept. 20 at 7:30 p.m. in the Silver Room of the SUB for an organizational meeting. Fund raising activities for the year and social functions will be discussed. Jim Calvert, Idaho State

Coordinator for NORML will speak. ... ASUI Coffee House presents Pop Wagner on Sept. 21 from 8:00 to 11:00 p.m. in the Vandal Lounge.

Found: a Wilson tennis racket in the Tower basement. Call 885-7380 to

cast of TENDERFOOT"

Director: Phil Baechler **KUID-FM 1400 WATTS AT 91.7**

CONTACT LENS WEARERS. Save on brand name hard and soft lens supplies. Send for free illustrated catalog. Contact Lens Supplies, Box 7453, Phoenix, Arizona 85011.

Super nice family milk goat, milking stanchion and extras. Make offer for all. 882-8188.

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We carry a complete line of **Schwinn Bicycles**

We service all makes of bicycles Plus Back to School Special: Free Lock With All New Bike Purchases

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Pizza & Sandwiches

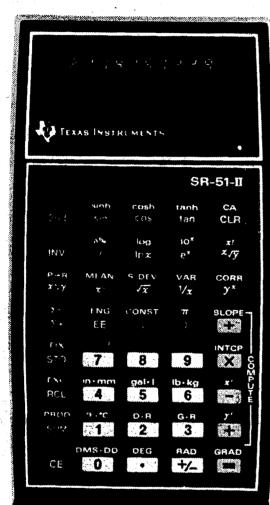
Happy Hour 7 days a week! 5:16 - 6:16 featuring Miller's draft beer at 1/2 price

First Bank of Pizza

Julietta, Idaho



This semester is the right time to get a TI calculator tailored to the work you're doing.



\$5995*

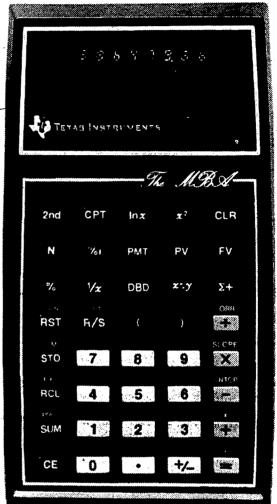


Professional decision making system. Loaded with statistics functions.



Accounting. Marketing. Education. Social Sciences. Life Sciences. Health. Statistics plays a major role in dozens of career fields. Here's a calculator with the advanced capability you need to handle your projects. Comes with

Calculating Better Decisions, a \$4.95 book value. Helps you get the most out of the SR-51-II. Step-by-step illustrations show how to use its powerful preprogrammed functions. Learn how to gather data. Weigh alternatives. Arrive at rapid, accurate decisions.



\$7995*

The MBA

Business calculator A business major's dream machine.

If you're building a career in business, the MBA can be ideal. It provides instant answers to complex business problems at the touch of a key. It is preprogrammed for a wide variety of functions and formulas business professionals face every day. Take internal rate of return, for example, a valuable calculation for accurate capital budgeting. It's complicated, often difficult, and takes time. The MBA handles it in seconds, for 12 different cash flows! It also offers programmability—up to 32 keystrokes for solving repetitive problems easily.

*Suggested retail price.

TEXAS INSTRUMENTS

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A Buyer's Guide for

From Your Neighbors and (We Hope) Friends at Stereocraft

The statue of Liberty he's not!



This interesting looking person is not doing a Rapid Shave commercial.

A genuine climber.

If you notice resemblance to Robert Redford please have YOUR eyes checked.

To See What These Four Frozen Souls at the Top of Mt. Rainier have to do h a Stereo Buyers Guide



Who Are We And Why Should You Give Us Your Hard Earned Money In Return For A Stereo System?

RICK RAILSTON JOE FRANCE

RICK RAILSTON
Marketing & Sales Mgr.
(The guy who writes
most of this)

JOE FRANCE
Operations Manager
(Our enforcer of

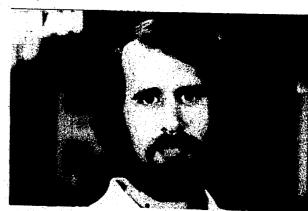
Stereocraft began back in 1971 when three professors* (of math and statistics at Central Washington University in Ellensburg) with a long and consuming interest in stereo decided to open their own store. The reasons were: a) there weren't that many stereo stores in Central Washington, and b) those that were there didn't satisfy them. (Have you ever shopped for something where you knew more about what you wanted to buy than the person did selling it?)

So they opened their own store with the goal of making it exactly the kind of place where they would like to shop for and buy a stereo system. For one thing, they wanted to have a store where people who didn't know anything about stereo could come, feel comfortable, and get good, sound, competent advice on what to buy.

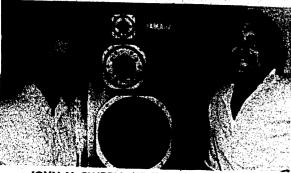
A lot of effort goes into keeping our people qualified not only technically, but especially from a practical, what-really-counts standpoint so that we can properly serve anyone who walks in or calls.

In visiting our store, one somewhat surprising thing is that you won't find our shelves heavily laden with every piece made from every manufacturer. First, it is too confusing for the average person; secondly, much of the equipment is just plain redundant or not very good at all; and, thirdly, we can

spend what money we have in better places. We decided early on that rather than spend all that money and time trying to display, stock, and service everything (and still probably never have that one right product you need or the precise turntable belt to get yours fixed fast) we would pick (based on quite a few years experience and expertise) the manufacturers and their individual items we think are the best real value or best fill a genuine (and not imagined) need. That way you are spared much of the initial confusion in choosing the one-best-thing-for-me out of dozens of possibilities. (To our horror, one stereo dealer we know of advertised he had 25,000 different combinations of equipment in stock.) In the end then, you are left with the much more pleasant task of choosing from a more limited number of really good components, and are spared the burden of separating the acceptable equipment from the junk. By concentrating our resources (time, money, talent) in relatively fewer (but better) lines and models, we can buy larger quantities from a given manufacturer, thereby lowering our cost price, and then pass it on to you (really — see page six if you're skeptical). By limiting the lines we handle, we also can get things repaired faster and generally know more about what we sell. (We learned over the years that if you make people happy and satisfied, they will return the favor.)



MIKE GEARHEART — Ellensburg (He does smile at times)



JOHN McCLURE & HENRY HILL - Pullman

Another thing Bill, Fred, and Dave (Fred, Dave, and Bill or Dave...) wanted was a place for people to shop where they wouldn't be harassed by some slick salesman to buy that instant — the "I-don't-drome. We take some pride in the fact that our salespeople are not on commission, so you won't be high-express themselves, and above all, CARE. (Notice everyone's happy and smiling faces — they love you and stereo, too.)

They also wanted a store that would have a desire to help out after the sale, just in case we, you, or the manufacturer made a mistake, In reality, no sale is final at Stereocraft until you are satisfied. Our Owner's Security Blanket (we borrowed the term from Volkswagen, but it still applies) is real and not some sort of eyewash that is advertised but never applies in your particular case.

Another thing we wanted was a relaxed environment where one could come and hear honest (you would be amazed how many rigged demonstrations take place in this business) comparisons of good equipment in a non-hurried atmosphere. You would also be surprised how much it costs to construct a really good listening room and equip it with switching facilities which don't invalidate A-B comparisons.

Well, at least some of these approaches must have struck a responsive chord somewhere, because we have really grown (about 1000% in fact) over the past six years. (Pullman in 1973, Yakima in 1975, and Walla Walla in 1976). That growth has yielded some substantial benefits, especially in allowing us to buy at the same quantity discount prices as the big so-called discount chains. You will find our prices every bit as competitive as Seattle's grimmest discount houses (with local availability and service to boot). (You will notice all four stores are in fairly small towns — we, like you probably, don't relish the big city rat race.)



JOHN SECONDO & CHUCK LAYNG — Yakima (John will be moving to Ellensburg soon)

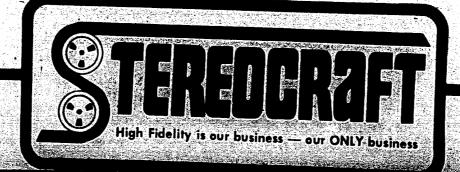


DAVE DEMARIS & KEITH KNOTTS - Walla Walla

However, we also have purposely limited our growth in order to remain small enough to still have a personal involvement with what we sell and the folks who buy from us. And, quite frankly, we want to remain small enough to still have fun at what we are doing and hopefully, you'll have fun, too. (We all know how bigness most often leads to frowns, ulcers, and the "that's-not-my-department" attitude.)

So, we really want you to stop in and give us a chance to introduce you to this wonderful world of reproduced music in an atmosphere, and to a group of people we know you will like. (After all, we all can't be out climbing Mt. Rainier.)

* Whose furry outlines you see at the top of Mt. Rainier on our front cover. The fourth in the picture is good friend fred Stanley, a noted climber and member of the 1975 Russian expedition, and the 1976 K2 expedition. Fred helped them live to tell (brag?) about it.



Uhy You Can't Lose Doing Business With Us....

STEREOCRAFT'S 10 POINT OWNER'S SECURITY BLANKET

- 1. Stereocraft has the best prices always competitive and we've got the brands you want.
- 2. Satisfaction Guaranteed! Money back within 7 days of purchase (for unblemished gear, complete with cartons, manuals, blank warranty cards).
- 3. Price Protection Policy: If you buy a system from us and see it advertised for less within 30 days (a most unlikely event!), bring us the ad; we'll refund the difference.
- 4. Guaranteed Trade-In Value: You may "trade up" any item (speaker, turntable, etc.) (undamaged, in carton, with warranty card) any time within 45 days and receive full purchase price as trade-in allowance. (Trade must be toward item of equal or greater value.)
- 5. Speaker Trade-Up Policy: Use 'em free, up to a year then trade up. You may trade back your undamaged speaker for

- full purchase price, any time within a year of purchase, toward speakers costing at least twice as much.
- 6. Special, extra long, "Blue Chip Warranties" on all Stereocraft pre-selected systems. (see below)
- 7. Free local delivery and set-up, if you desire.
- 8. Loaner Equipment: If your Stereocraft purchase ever requires warranty service, we'll lend you a replacement while we're taking care of the repairs.
- 9. Convenient Financing: We'll help you arrange financing on your purchase if you wish.
- 10. Stereocraft systems feature only name brand, highly respected speakers like Advent, ADS, Dalquist, Yamaha and Polk — no phony "private label" speakers with names like "Shazaam," "Atlantic" or "Mirage." We care enough to give you the very best!

THE STEREOCRAFT "BLUE CHIP SYSTEM" LIMITED WARRANTY

Because we feel the system you have just purchased has been carefully chosen to have the most reliable components in their respective price ranges, and because we want you to feel secure in your purchase, we offer you the Stereocraft "Blue Chip System" Limited Warranty:

Stereocraft warrants to the original purchaser that the items in his system shall be free of defects in

materials and workmanship for the following periods:

Product Type Loudspeakers

Receivers, Amplifiers, Tuners

Turntables

Duration of Duration of Parts Warranty Labor Warranty 10 years

10 years

3 years

Excluded from the warranty is damage that occurs as a result of abuse, misuse, or accidents; styli; and attempts to make repairs or modifications by any person or agency not authorized by Stereocraft.

The owner's responsibilities are:

(1) to use the products according to the manufacturer's written instructions;

(2) to provide transportation to a Stereocraft store in the event servicing is required, and to pay one-way freight if necessary in having the unit repaired;

(3) to present the sales slip and warranty certificate if service is ever required.

THE DOCTOR IS IN AND THERE'S NO CHARGE

Stereocraft regularly holds both amplifier-receiver clinics and turntable clinics in all its stores. These clinics are FREE; we encourage you to use them whether or not you bought your gear from us. They are a good way of checking to be sure you get the performance you're entitled to. (It's amazing to us the way some manufacturers' units don't even come close to their rated specs, while others are very conservatively rated.) The test gear also helps us in choosing equipment for systems. The schedule for the next few months is listed below. Remember, there's no charge or obligation.

Stereocraft's Fall Clinic Schedule

Walla-Walla Ellensburg Pullman Yakima Sept. 22 Jan. 1978 Oct. 20 Amplifiers-Receivers Nov. 17 Oct 6 Jan 1978 Turntable/Cartridge*

* NO COMPACTS, PLEASE.



What do I really need?

WHAT DO YOU NEED?

Buying a stereo system is much like buying a house or a car... only on a smaller scale. First of all, it represents a significant investment. Secondly, there are innumerable possibilities... but only a few that will best meet your particular requirements. And finally, because of the investment, you will want to choose a system that will last for many years without requiring extensive repairs or trade-ups to something "really good."

If you are like most people, you will be searching for the maximum value for your dollar (the best quality reproduction, adequate versatility and reliability — at the lowest possible price).

MAKING THE RIGHT CHOICE

Out of the thousands of possible systems that you could choose from, how do you pick the best one. Some people make the mistake of trying to do this on a mathematical basis. They write down all of the "specifications" listed in the data sheets and then compare the figures. The best numbers win.

Such a process might have some validity if all manufacturers used the same standards, and if the performance criterion being measured actually did accurately describe the sound you might expect from the equipment. Unfortunately, neither is the case. There are as many testing standards as there are manufacturing companies, and no matter how complex the scientific evaluation, engineers have never been able to put into "numbers" the essence of good music reproduction.

YOU ARE NOT A MACHINE

You should not rely upon machines to tell you if you will enjoy a particular stereo system.

While the engineers are looking for an ideal numerical method of describing this artistic achievement, one must turn to some other method of accurately evaluating performance. In our opinion, the ideal "test instrument" is the human ear. After all, when you think about it, people are the ones who will be either pleased or annoyed by the sound of any given system, so shouldn't people be the judges? (In this age of the computer, perhaps we are a little tired of being assigned numbers for everything we do. Art and music ought to be one realm that doesn't require a punched card.)

This does not mean that we have to be unscientific about our testing methods. On the contrary, we can be extremely rigorous in conducting impartial evaluations — in just the areas that really count.

WHAT ABOUT HI-FI MAGAZINE REVIEWS?

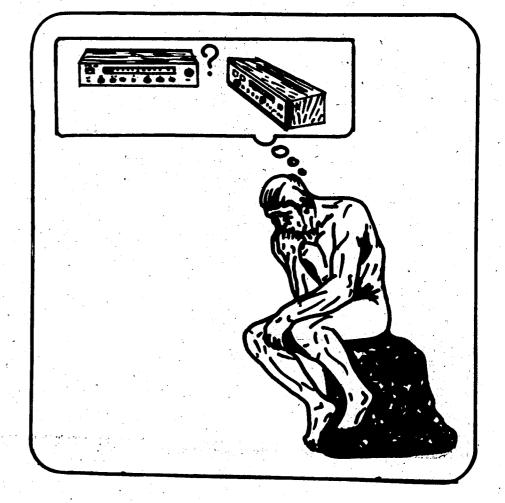
If electronic measurements are often more confusing than helpful, and human evaluation the only sensible way to judge the performance of a stereo system, what about relying upon equipment reviews in the stereo magazines? Aren't these expert evaluations?

The reviews could be quite helpful — if the reviewers tested complete systems instead of individual components (what counts is the sound that you get in your room from the total combination of components — not just the test results from one particular piece of the system. Some combinations of perfectly magnificent components sound terrible when hooked to each other.) The second problem is that many of the reviews in the magazines are tuned more to the extent of the manufacturer's advertising in that publication than to the product's performance. This is unfortunate, but understandable. Even the most ethical magazine would be hard pressed to print an unfavorable review on an item that brought them substantial revenue. So reviews can be helpful, but not conclusive.

THE BEST ANSWER — OUR OWN RATING SYSTEM

After considering all of the alternatives, we finally came up with what we feel is an ideal solution. We would rate all of the available equipment ourselves and then choose those particular systems (in each price category) which represented, in our opinion, the best value available on the market.

We developed a comparative rating method which uses the human ear as a test instrument. Then we selected a panel of musicians and music lovers to rate the over-all performance of complete systems. See: "Our Subjective Rating System" on the following page.



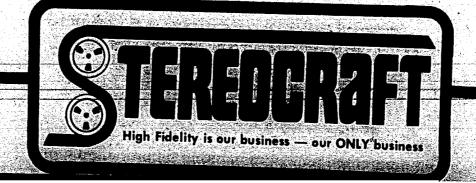
CAN YOU CONDUCT THESE TESTS YOURSELF?

Of course it is theoretically possible for any individual to carry out these same steps also, but to do so would require many hundreds of hours, access to all of the available equipment, etc. For most people, this just wouldn't be practical. The staff at Stereocraft has had many years in which to carry out this work. So if you can trust us, we can save you a lot of time, expense and frustration.

HOW CAN STEREOCRAFT CHOOSE THE "BEST" SYSTEM IN EACH PRICE RANGE? ISN'T THIS A MATTER OF INDIVIDUAL TASTE?

Yes, if what you want is something other than authentic sound. Admittedly, not everyone wants a natural sound, but we have found that even those people who start out looking for "hi-fi tone" eventually are happiest with the real thing! Our feeling is that our pre-selected systems will please about 90% of our customers.

For the other 10% we offer a wide variety of other products, and we will not hesitate to recommend these in cases where we feel they will be more desirable. Stereocraft can custom design an original system just for you.



Stereocraft's

We have categorized our ratings into those aspects of a system's overall sound which are most important in terms of listener enjoyment. Some of them run parallel to the kinds of electrical measurements often seen in hi-fi magazines, but others have little relation to such sterile measurements. All together our system rating can fully evaluate a stereo system in every meaningful respect.

FREQUENCY RANGE

To cover the full range of music, a system must reproduce frequencies as low as 30 Hz (the lowest notes of an organ measured in cycles per second or Hertz) and as high as 16,000 Hz (the highest overtones found in music). Given today's technology, any decent system should have no trouble reproducing the highest audible frequencies. However, the capability of reproducing the very deepest bass is very costly to design into a system and is therefore left out of many lesser quality systems. There is no correlation between the size and price of a loudspeaker and its low and high frequency limits. (System range being primarily a function of loudspeaker perfor-

FREQUENCY RANGE RATING

FULL RANGE. As wide as the range of music. Found only on no-compromise systems.

WIDE RANGE. Lacking only in the deepest bass or extreme high frequencies. Found in the majority of really good systems. A must if you are spending any amount of money for a system.

ADEQUATE RANGE. Definite roll-off of bass and treble frequencies. Adequate for a majority of musical material. Found in most inexpensive systems (and, amazingly enough, in quite a few costly ones).

LIMITED RANGE. Similar to a good transistor radio. Not really true high fidelity.

UNACCEPTABLE RANGE. Music sounds as though it was played over a telephone.

DISTORTION

Any information added by the stereo system not found in the source is called distortion. (Actually noise is a form of distortion but important enough to be dealt with separately.) There are many types of distortion—T.H.D., I.M., T.I.M.—each different and in varying ways audible. Typical published distortion specifications do not give you an indication of its audibility. Distortion sounds like a fuzziness or harshness in the sound. Our distortion ratings represent the overall irritation level of the distortion produced by the system. Distortion was rated at loud levels in a composite of several size listening rooms.

DISTORTION RATING

NO NOTICEABLE DISTORTION. Beautifully pure sound. Found only on the very best systems.

VERY LOW DISTORTION. Noticeable only on the most difficult musical passages by those with critical ears. Very clean sound found to be totally acceptable by the vast majority of listeners.

MEDIUM DISTORTION. Slight but noticeable distortion on loud passages. Acceptable but still audible to most

MODERATE DISTORTION. Audible much of the time. Unacceptable to most component listeners. BAD DISTORTION. System sounds harsh and annoying

most of the time.

ACCURACY

The most important overall measurement in our view, Accuracy, is the ability to reproduce exactly the sound of the original musical performance. It is generally more a function of loudspeaker and cartridge performance than of the amplifier. The differences we hear between systems and/or individual components (the thing we define as accuracy or lack of it) are primarily due to the system's radiated energy level by octave. Any octave that has too much or too little energy will dramatically deteriorate the accuracy rating. The midrange octaves are more important in this respect because our ears are more sensitive in that range, and the majority of musical fundamentals (and voice) also fall into that range. Many of the differences ascribed to transient response, phase shift, etc., are no more than differences in frequency response (and very subtle ones at that).

ACCURACY RATING

5 ESSENTIALLY PERFECT ACCURACY, Virtually identical to the course of the tical to the source. State-of-the-art. No coloration. Found in only a handful of systems.

FAITHFUL ACCURACY. Slight differences from the source; not really noticeable to most listeners. Little coloration. Found in only the best systems.

AVERAGE ACCURACY. Definite differences from the original; noticeable to a majority of listeners, especially in vocal coloration. Unfortunately found on quite a few expensive systems.

POOR ACCURACY. Grossly noticeable lack of fidelity with the source. Unacceptable to listeners concerned with performance. Found on most department/discount store stereo systems.

INACCURACY. Found in toy or pretend stereo systems.

NOISE

This is any non-musical information added by the system itself. It can be in the form of a hiss or hum. This is an often overlooked and underemphasized aspect of system performance. We have rated the noise level according to its audible annoyance. Some kinds of noise are more audible and bothersome than others.

NOISE RATING

INAUDIBLE NOISE. Inaudible at any listening level. Found only on state-of-the-art equipment.

SLIGHTLY NOTICEABLE NOISE. Audible only at high volume control setting during quiet musical passages. Found on really good systems. Acceptable to all but the most finicky listeners.

NOTICEABLE NOISE. Audible at moderately high volume control settings on quiet passages. Satisfactory to many listeners. Found on many medium priced

UNACCEPTABLE NOISE. Noticeable at all volume control settings and during all but the loudest musical passages. Not acceptable to those who really want to listen to music. Found on many "all-in-one" stereo systems.

AWFUL NOISE. Noise that is audible all the time.

RELIABILITY

This is the one area where we can evaluate systems where consumer testing organizations and hobbyist magazines can't. Since we are responsible for servicing what we sell, we are in a very good position to accurately rate existing components or predict the reliability of new ones. Not only are we rating frequency of repair, but also cost and time of average repair.

It should also be noted that some categories of equipment are inherently more reliable than others. For example, a manual turntable is generally more reliable than a record changer. A loudspeaker is more reliable than an amplifier (except in some high power applications).

Some expensive systems are more prone to failure and/or expensive repairs because of their complexity. (Many audiophiles, however, don't mind that a bit!)

RELIABILITY RATING

NEARLY PERFECT. Requires repair rarely or not at all. Repair, when necessary, is usually fast and inexpensive. Bulletproof.

ABOVE AVERAGE. Little history of repair. Cost below average in time and money.

AVERAGE. Normal in the stereo industry is still very good. A very good unit.

BELOW AVERAGE. More frequent and/or costly repairs. Should be avoided if not outweighed by other

UNRELIABLE. Subject to very frequent and/or costly repairs. Should be avoided at all costs.

LOUDNESS

This is the highest level a system will play before going into overload and distortion. It is a combination of real amplifier power into a loudspeaker (which in many cases is not accurately represented by the amplifier's F.T.C. power rating), the efficiency, and impedance of the loudspeaker itself. Remember, doubling amplifier power into a given loudspeaker will yield only a small increase in perceptible loudness. To make a loudspeaker sound twice as loud, amplifier power must be increased tenfold. In other words, don't worry about whether to buy a 28 watt amp or a 32 watt one.

LOUDNESS RATING

LOUDER THAN LIVE (unamplified) MUSIC. Bordering the threshold of pain in normal-to-large listening room. Far louder than the vast majority would ever

LOUD AS LIVE MUSIC. Still louder than most would ever want. Lease breaking.

ADEQUATE LOUDNESS. Really loud in average size rooms. Will still satisfy all but the most ardent rock

LIMITED LOUDNESS. Not quite able to fill a normal-tolarge living room with really loud music. Totally adequate for small living rooms, dorms, apartments, or for those who just don't like loud music.

UNACCEPTABLE LOUDNESS. Severely limited. Only useful for background listening.

APPEARANCE

We were reluctant to rate appearance for several reasons: it has little or nothing to do with sound quality; it is in the main subjective: its value and perception widely vary with the individual: it is hard to differentiate design, craftsmanship, quality of materials, etc. So despite these reservations, we have come up with a composite rating combining design, function, quality of workmanship and parts functionality, and the ability to fit comfortably in any home environment

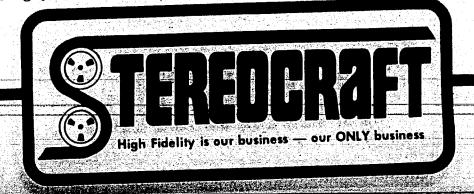
OVERALL RATING

Our overall rating is a composite of the seven categories, each weighed according to its relative importance. Accuracy, frequency range, and reliability were given somewhat more emphasis than say, appearance. The overall rating should serve as a general guide, but should not substitute for your careful comparison of each system by individual category, especially those categories which are most important to you.

HOW DO YOU CHOOSE THE SYSTEM THAT IS RIGHT FOR YOU?

SOME APPARENT DISCREPANCIES — You may find we rate a lower priced system higher in some categories than a higher priced one. This is not by accident. We in America have grown up with the erroneous notions that more is better than less, bigger is better than smaller, you always get what

you pay for, something more expensive has to work better and longer than something cheaper, etc. We have found over the years that there is just not necessarily a correlation between what you pay and what you get in the overall sense. This is main reason for our instituting this rating system in the first place.

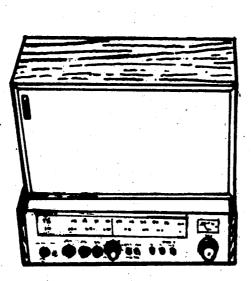


The Ultimate Inexpensive Music System

Until recently, most people with roughly \$300 to spend for a stereo system were likely to be disappointed. The majority of systems in this price range (usually sold through department/discount stores) have in the past suffered from an over emphasis on cosmetics and/or dealer profit rather than sound quality (usually the compromise was made in the loudspeakers).

Our System 349 changes all that. Its strength is its sound. Because of the Advent/3 loudspeakers, our System 349 provides a level of

room filling sonic-accuracy comparable to most five and six hundred dollar systems.





The Receiver

The Sony STR-1800, like the Advent/3, has a level of performance and many features not found on similarly priced models.

The turner has ceramic IF filters that never need aligning (a feature you may really appreciate years later). It also has a phase-locked-loop IC multiplex stage (that's technical lingo describing an expensive circuit design, usually reserved for higher priced models, that ensures low tuner distortion). There is a linear dial scale (equal spacing between station numbers) to make tuning much less fussy. Most tuning dials crowd the numbers together as you move to the far right of the dial. An illuminated dial pointer and signal strength meter make tuning really simple.

In addition to separate bass and treble tone controls, Sony has included a front panel headphone outlet with built-in loudspeaker defeatswitch (a neat feature for times when you don't want to disturb friends and neighbors, especially in apartments and dorm rooms).

The STR-1800 has enough power to reliably drive the Advent/3's to good and loud levels in small to average size listening rooms.

The Loudspeakers

The Advent/3 loudspeakers have a bandwidth and accuracy heretofore available only with far more expensive systems. Advent has achieved this by apportioning a larger percentage of their cost for the drivers themselves rather for some oversize (to make you think you are getting more) and usually flimsily constructed enclosure.

The Advent/3's performance is virtually identical to that of the widely-acclaimed Advent loudspeaker, the only exceptions being that it will play less loud and has slightly less deep bass response — yet still far more than anything in its price class. (We once shocked a few people by demonstrating that it actually produced deeper bass than a highly rated \$600-the-pair "studio-monitor" loudspeaker.)

They are small enough to fit hassle-free into any room,

with a front-to-back dimension that has been purposely kept short to make shelf placement convenient and good-looking. They can also be easily hung on your favorite wall.

The Turntable/Cartridge

The Garrard 440M with its factory-mounted Pickering V15/ATE4 cartridge is the highest performing, most reliable record playing device we have found anywhere near the price. It has a synchronous motor (found in Garrard's more expensive models), and minimal wow, flutter, and rumble. It can stack up to six records and has viscous damped cueing that treats them very gently

rumble. It can stack up to six records and has viscous damped cueing that treats them very gently.

We have found the Pickering V15 to have a wide, smooth frequency response (unfortunately not found on many in its price class). It is also incredibly consistent unit to unit (you would be surprised how many highly rated ones aren't)! Base, dust cover, and connecting cables are included.

See page 3 for details of our "Blue Chip System" warranty.

System Price \$349

Including Our "Blue Chip System" Warranty.

Just \$66.80 Down, \$14.31 A Month!

Cash Price with Tax \$366.80 — Down Payment \$66.80 — 24 Monthly Payments of \$14.31 — Total Deferred Payment Price \$410.20 — Annual Percentage Rate 12% — Upon Approval of Credit — Insurance, If Desired, Extra.

System Rating

Frequency Range	4
Accuracy	3.5
Reliability	4.5
Distortion	3
Noise	3
Loudness	2.5
Appearance	3.5
Overall Rating (0-100)	•

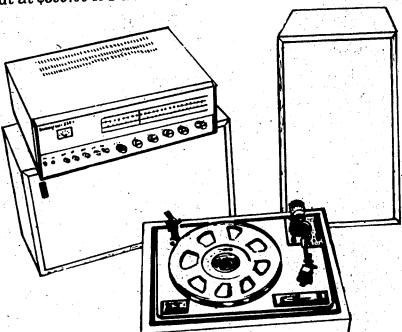


rstem 399

The System Most Of Our Friends Would Forever Be Happy With

This was last year's most popular model. It's the least expensive one we think most of our friends would be totally satisfied with, and it has just been reduced by \$40.00. Our System 399 we feel offers more of everything that is really important to a music listener — wide range, accuracy, functionality, reliability — for less money than any other we sell.

By recently taking advantage of quantity buying, we have been able to substantially reduce our already discounted price. It was our best value at \$439.00, but at \$399.00 it's unbeatable!



The Receiver

The Harman Kardon 330c is the fourth generation of the 330 series introduced over six years ago. (We generally tend to favor products that have a long life span — they tend to be better, more reliable, and give greater owner satisfaction. Who likes owning last year's model?) It is also one of the most popular stereo receivers ever produced. The reason is really very simple — it does everything it should very well at

a modest price.
The FM tuner is a straight-forward, reliable design. Tuning is made very easy by a well lit linear dial and signal strength meter which visually stand out from the black face plate. A red stereo indicator glows whenever a stereo broad-

cast is received. The 330c's preamplifier can serve as a control center for a lot of equipment as the system expands — two pair of loud speakers, headphones, tape deck plus an additional auxiliary

The power output is conservatively rated — actual power according to our tests is over 25 watts per channel. The power amplifier is extremely stable in use. We have found the 330c to be very reliable due in no small measure to its long product life. (It never ceases to amaze us how some manufacturers will discontinue a model just as soon as they get all the bugs worked out of it.)

Loudspeakers

The

The Advent/2 offers a degree of accuracy and freedom from coloration found on only a handful of loudspeakers regardless of price. It has the same tonal balance, dispersion, and power handling of the Advent Loudspeaker (which in our view is one of the truly ultimate loudspeakers). The only thing it lacks in comparison to its big brother is one-half of one octave of the deepest bass response. That small trade, off, however, increases the Advent/2's efficiency to the point where it can fill a normal-to-large living room with really loud music when powered with the Harman Kardon 330c.

Contrary to common design practice in loudspeakers in this price range, Advent chose to invest more relative money on the drivers and the crossover network rather than in some overly-lancy cabinet. One of the advantages of the Advent/2's acoustic suspension design is that for optimum performance it has to have a small enclosure (and hence, less cost; the cabinet being the largest single cost factor in any loudspeaker).

The Advent/2 is small and unobtrusive enough to fit easily into practically any room environment. Its relatively shallow depth makes shelf placement a breeze, or it can be easily hung on an appropriate wall.

The Turntable/Cartridge

The turntable in our most popular system happens to be one of the nation's most popular also. The reason is that it is just plain good. It can function both as a really line fully automatic single-play turntable or as a fully automatic record changer handling up to six LP albums at a time. The BIC 920 is belt driven by a slow-turning motor (a real advantage) which means less rumble and wear. Wow and flutter are inaudible. One of the things we like best about this machine is its low-mass tone arm that allows the factory mounted Shure M75 EC cartridge to perform at its optimum (some more massive arms won't). Base, dust cover, and connecting cables are included.

See page 3 for details of our "Blue Chip System" warranty.

System Price

Including Our "Blue Chip System" Warranty.

Just \$79.35 Down, \$16.22 A Month!

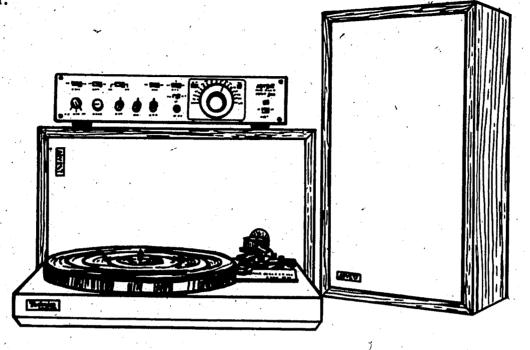
Cash Price with Tax \$419.35 — Down Payment \$79.35 — 24 Monthly Payments of \$16.22 — Total Deferred Payment Price \$468.63 - Annual Percentage Rate 12% - Upon Approval of Cred-- Insurance, If Desired, Extra.

System Rating Frequency Range Accuracy Reliability Distortion Noise Loudness Appearance <u>76.5</u> Overall Rating (0-100)



TSPEM 499 The System Our Audiophile Friends Buy When They Have \$500 To Spend

Because of this unique combination of components, this system, within its frequency range, is the sonic equal of the most expensive systems. If you are not on an unlimited budget (which includes most of us) and want really no-compromise tonal balance, this system should be your first consideration.



The Receiver

The Advent Model 300 is a very unique stereo receiver with audible performance that compares directly in every respect except total power output, with the most expensive separate chassis components.

Like Advent loudspeaker systems, the Advent Model 300 is based on the idea that a moderate price doesn't have to place any important limitation on useable sound quality of audio equipment. Within its power capabilities, which are more than adequate for most all home listening, the Model 300 sounds as good as the best equipment we know of at any cost.

There are many good receivers on the market. But the differences between them (particularly between models from the same manufacturer) have a lot more to do with selling equipment rather than with buying it. Excellent sound (particularly from the preamp) and FM performance tend to come in the medium-high to very-high price categories. Low price receivers tend to give up some sound quality and FM performance for the sake of power per dollar. The Model 300 demonstrates to our satisfaction that it is possible to provide a truly excellent preamp and tuner at a cost not much, if any, more than a conventional unit.

The preamplifier in the Model 300 is the result of over three years of research into the long nagging question of why preamps which measure the same sound differently good, some not so good. (There also seemed no reliable cor-relation between price and audible performance.) They felt (and rightly so) that there was something wrong with the accepted measurement techniques, and discovered several factors that account for the amazingly audible difference between apparently identical units. Coming out of this re-search effort was a preamp that is the sonic equal of the very

Advent took the same no-nonsense stress on reality and in-use considerations when designing the FM tuner. They quickly found that existing measurement standards for tuners weren't of the strength and complexity needed to simulate a wide range of in-use conditions. They discovered, for example, that the one-sided sensitivity-is-everything approach (and the subsequent desire of manufacturers to design for spectacular sensitivity figures) produced tuners that were easily overloaded. This fresh engineering approach yielded a tuner that is the audible equivalent (under demanding circumstances) of the very best. (We, in fact, could hear no difference between it and a very highly rated \$3000 separate tuner.)

In designing the power amplifier, Advent tound the one-number-only power rating (imposed by the FTC) was misleading as to how loud an amplifier would play through a loudspeaker. Power measurements are made with a resistor instead of a loudspeaker. However, a loudspeaker is a far more complex load, causing many receivers' protective devices to limit power. (We found one 20 watt receiver that could put out no more than 5 watts when connected to a loudspeaker.) Their design effort resulted in a power amplifier that could deliver its full rated power into a loudspeaker. The actual loudness it can achieve before clipping is as great as receivers in the 25 to 30 watt range.

The Model 300's control features are limited to ones most people find useful in home listening. We have found the bass and treble controls to be particularly useful (you would be surprised how many aren't.)

Space prevents us from detailing all there is to say about the Advent receiver. If you are interested, stop into any of our stores for a fuller explanation.

The Loudspeakers

Our System 499 incorporates the same Advent/2 loud-speakers found in our System 399. See page 5 for our

System Price

Including Our "Blue Chip System" Warranty.

Just \$84.45 Down, \$20.99 A Month!

Cash Price with Tax \$524.45 — Down Payment \$84.45 — 24 Monthly Payments of \$20.99 — Total Deferred Payment Price \$588.21 - Annual Percentage Rate 12% — Upon Approval of Cred-Insurance, If Desired, Extra.

The Turntable/Cartridge

The Technics SL-20 is the essentials-only turntable that has the same performance as their more expensive models (totally inaudible wow, flutter, and rumble) . Belt driven by a servocontrolled DC motor, this manual two-speed turntable includes viscous damped cueing, electronic speed change,

and removable, hinged dust cover.

We are really excited about now being able to offer the Ortofon FF-15E in several of our systems this year: Although it costs us several dollars more than a run-of-the-mill cartridge, the Ortofon's performance far exceeds them and conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conically in our experience rivals the recent between the conical transfer transfer the conical transfer transfer the conical transfer transfer the conical transfer sonically, in our experience, rivals the very best. At very light stylus forces (1 to 1.25 grams), it follows the highest velocity grooves without mistracking. The openness and transparency are due to its smooth and wide frequency

System Rating

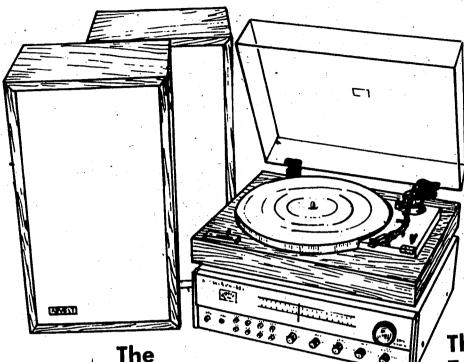
Frequency	Range	. 4
Accuracy	•••••	4.5
Keliability	• • • • • • • • • • • • • • • • • • • •	45
Distortion	• • • • • • • • • • • • • • • • • • • •	45
Noise		Α
Loudness	•••••	$\frac{7}{4}$
Appearance	e	4
	ting (0-100)	

See page 3 for details of our "Blue Chip System" warranty.



YSTEM 599 The Least Expensive System That Will Reproduce All The Music

Our Smaller Advent, Harman Kardon, Technics, Ortofon system is the least expensive one we know of anywhere that will reproduce the full range of music — from the lowest to the highest audible frequencies — and which also includes a no compromise turntable and cartridge (so many otherwise good systems are spoiled by using a cheap turntable and cartridge which makes the price right, but really degrades the system's overall performance). Each of these incredibly good components was carefully selected with the criterion of accurately reproducing the entire range of music at the lowest possible price.



The Receiver

Harman Kardon set out in the design of the 430 to develop a receiver that would have the same sound quality and overall performance as their famous Citation series of expensive (and good) separate components.

In order to achieve this goal, they first designed a power amplifier that was in reality two monophonic amplifiers on one chassis. The 430 is unique in that it has two separate power supplies (other receivers use one for both channels).
Under stress or high power situations, this is advantageous because both channels need large amounts of power simultaneously. Under such conditions, a single power supply may not be able to supply enough power; resulting in distorted sound. The 430 is very well suited to stably power

the Smaller Advents to very loud levels.
The tuner of the 430 incorporates the latest advances in design-ceramic IF filters that will never require realignment, phase-locked-loop IC demodulator that assures maximum channel separation and minimum distortion. One of the

nicest things about the tuner is its very low noise. A quiet FM signal is more enjoyable and far less fatiguing.

The control layout is very simple and straight forward, yet provides facilities for two pair of loudspeakers, two tape decks, and headphones. It also has both high and low filters, and adjustable FM muting and adjustable FM muting.

In summary, the 430 has clean, wide-range sound perfectly complementing the other components chosen for this system.

The Loudspeakers

The Smaller Advent Loudspeaker is the least expensive one available today that will reproduce the full range of music. There are a surprisingly small handful of speakers at any price that can achieve this level of performance. Its effective frequency handwidth is expectly that of the Advent fective frequency bandwidth is exactly that of the Advent-Loudspeaker's. This no-compromise type performance is not based on technical sorcery, but rather on a thorough understanding by Advent of the design basics, how they interact one with another, and making the correct choices under the

Advent felt it was possible to design a small moderately priced loudspeaker that would rival the best loudspeakers at any size or price on all musical material and one that would give up none of the bandwidth, lowest bass included, associated with them. For that formidable a speaker at small size and low cost two conditions must be accepted. First, if it is to go as far into the bass as larger systems, with as low distortion, it can't be as efficient as they are. But it can be efficient enough to play very loudly in a home (certainly with the Harman Kardon 430). Secondly, there is no practical way to bring its maximum low-frequency power handling capability up to the limit of an equivalent larger system. But you can come so close that most people, even those playing demanding music under demanding conditions, will never have reason to need or want a larger system.

nave reason to need or want a larger system.

It is a small, moderately-priced speaker system of unique performance. On all kinds of musical material, and under most listening conditions likely to apply in most homes, it is the equal of any other speaker system available.

Turntable/Cartridge

The Technics SL-23 offers more performance, more of what most people really want in a turntable for less money than any other we sell. It is a semi-automatic turntable in the sense that it provides automatic lift-off, return, and shut-off at the end of the record. The servo-controlled DC motor and belt drive result in totally inaudible wow, flutter, and much to the record of t rumble. Other nice features include: viscous damped cueing, 33-1/3 and 45 rpm speeds, electronic speed change, independent variable speed controls, strobe (to measure speed accuracy), and removable hinged dust cover.

We are including the really high performance Ortofon FF-15E. It's a perfect choice to complement the accurate open sound of the Harman Kardon receiver and the Advent loud-

System Price \$599

Including Our "Blue Chip System" Warranty.

Just \$99.50 Down, \$25.29 A Month!

Cash Price with Tax \$629.50 — Down Payment \$99.50 — 24 Monthly Payments of \$25.29 — Total Deferred Payment Price \$706.46 - Annual Percentage Rate 12% — Upon Approval of Cred-Insurance, If Desired, E.

See page 3 for details of our "Blue Chip System" warranty.

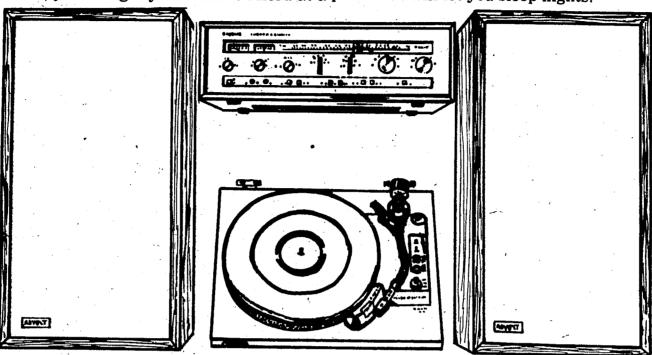
System Rating

Frequency Range	5
Liedocuch ways	4.5
Accuracy	4.5
Reliability	4
Distortion	4_
Noise	4
Appearance	4
Overall Rating (0-100)	_88



The System Most of Us Own

Since we, like you, are not on an unlimited budget and yet have this undeniable desire to own really good equipment, System 699 is the one that most of us wind up owning. This system is at the absolute point of diminishing returns, beyond which you pay ever-increasing amounts of money for ever-decreasing sonic improvements. If you are demanding and critical in the quality of your music system and yet don't have an unnumbered Swiss bank account, this is the system that will give you the sound you thought you couldn't afford at a price that will let you sleep nights.



The Receiver

In the last three years Yamaha has become one of the most prestigious names in the stereo electronics industry, and rightly so, because of the trend-setting equipment they have produced during that time. Yamaha, because of their size and diversity (they manufacture everything from musical instruments to motorcycles to bathtubs, and also make their own metal, wood cabinets, transitors, etc.) has certain advantages. The primary one is their ability to manufacture and control the product from the design of the discrete components through to the final testing of the completed unit. Few companies have this capability.

From the look of the faceplate of the CR-620 to the feel of the controls, you know you have a really finely crafted piece of equipment — typical of the Yamaha tradition — yet at a price most all of us can afford. Its powerful, very low distortion amplifier will drive the New Advent Loudspeakers to outrageously loud levels.

The FM tuner was developed by comparing an original musical source to the same signal received through the FM tuner. That way the design could be perfected to ensure real sonic accuracy. A unique negative feedback multiplex section plus phase-lock-loop circuitry provide very low tuner distortion and high stability. Tuning is a real joy with the silky-smooth operation of the tuning knob and dial pointer. Accurate tuning is made really easy by both a center channel tuning meter and a signal strength meter that also indicates multipath interference (similar to TV "ghosting").

ing").

The preamp has a superb signal-to-noise ratio, not adding any audible noise of its own. A continuously variable loudness control allows you to retain a natural tonal balance no matter what the volume level. Along with a conventional high filter, we were especially glad to see a true subsonic filter that eliminates subsonic information (resulting from tone arm/cartridge resonances, record warp, and feedback) from passing through the system and wasting a lot of unnecessary amplifier power and limiting the power available for reproducing the music. The CR-620 accommodates two tape decks and electronically allows you to record one program while listening to another or copy from one tape deck to another.

In summary, it is a highly sophisticated piece of equipment that operates flawlessly and is as much a joy to look at and feel as it is to listen to.

The Loudspeaker

The New Advent Loudspeaker is a logical evolutionary improvement of our (and the nation's) best seller. Like the original, it is based on the premise that it's possible to produce a moderate-cost speaker system that is nothing less than the right, completely satisfying, no-compromise choice for most people who have a demanding interest in music. Both were designed to combine the following objectives: to have a range as wide as the range of music; to have a tonal balance that is wholly accurate on a wide variety of program material to a majority of musically-sensitive people; to have enough output at low distortion to permit listening to music at satisfyingly loud levels in even the largest living room; to be driven comfortably by the majority of good amplifiers and receivers now available; to be small enough, unobtrusive enough, and uncritical enough in placement to fit easily into a house; and to do that at about half the average cost of what most consider to be the best speakers available.

Why, then, a New Advent Loudspeaker? Back in 1969 when the original Advent Loudspeaker was designed, the total high-frequency output was carefully balanced to match well with the mixture of new, not-so-new, and old LP's in most people's record collections. In the 1970's, however, two very important improvements have been made in the high-frequency capabilities of recordings and broadcasts. First, the almost universal adoption of the Dolby system and other noise reduction devices for recordings has dramatically reduced background tape hiss at high frequencies. Secondly, a new generation of record-cutting equipment has made it possible to put more essentially undistorted output onto records in the 10,000 Hz region. And a new generation of phono cartridges has been designed to take advantage of the opening for cleaner high-frequency response. These factors add up to more useable, clean, undistorted high-frequency content in source material than ever before.

With these improvements, Advent decided to change the high-frequency capabilities of the Advent Loudspeaker, and at the same time, make use of recent technology to come up with a design of very high reliability at very little added cost. The New Advent Loudspeaker, then, can radiate significantly more energy at 10,000 Hz than the original — more than enough to reveal the cleaner high-frequency output on records.

We think it again establishes a new standard to which all other loudspeakerss must be compared.

The Turntable/Cartridge

System 699 has the same Technics SL-23/Ortofon FF15E as our System 599 on the previous page.

System Price \$699

Including Our "Blue Chip System" Warranty.

Just \$114.65 Down, \$29.58 A Month!

Cash Price with Tax \$734.65 — Down Payment \$114.65 — 24 Monthly Payments of \$29.58 — Total Deferred Payment Price \$824.57 — Annual Percentage Rate 12% — Upon Approval of Credit — Insurance, If Desired, Extra.

System Rating

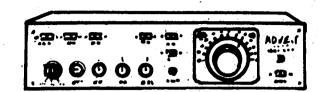
Frequency !	Range	5
Accuracy		4.5
Reliability	••••••	. 5
Distortion		5
Noise		5
Loudness	••••••	4.5
- * · ·	ing (0-100)	96.5

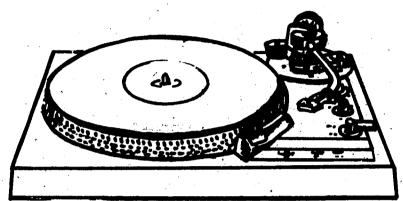
See page 3 for details of our "Blue Chip System" warranty.

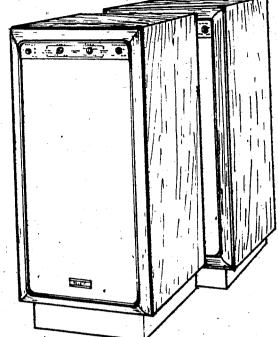


Our Lowest Priced State-Of-The-Art System

We have just been able to lower the entry fee to state-of-the-art stereo by several hundred dollars, primarily due to the recent introduction of the Powered Advent Loudspeaker. Our System 1349 combines wide-range, tonal accuracy, and extraordinary acoustic output, all at lower than before cost, and compactness heretofore not found.







The Preamplifier/Tuner

We have chosen the Advent Model 300 (featured in our System 499) for use as a tuner-preamp. The reason is simple. It is the lowest priced tuner and preamp that offers state-of-

While having only-the-essentials features, the Model 300 performs those superbly. The tone controls are among the very best we have ever encountered. By that we mean they are useful. It is possible, for example, to add bass without affecting the mid-range tonal balance (you can't do that with too many of today's bass controls).

too many of today's bass controls).

The vernier tuning dial with center-of-channel LED indicators is incredibly accurate (in fact; Advent had to detune them because they signaled even the most minute drift not discernible on today's best meters). This tuning system promises to also be very reliable years after. As we said in our earlier discussion of the Model 300 (on page seven), the FM tuner is the sonic equal, both in terms of fidelity and ability to get distant stations clearly, of the very best

Advent's new design for a phono preamplifier effectively overcomes the problems their research confirmed that were apparent in many of today's better preamplifiers. It eliminates impedance interaction between the preamplifier and cartridge (a deficiency in earlier preamp designs causing them to alter the frequency response of the cartridge), thereby assuring that frequency response you hear is always that of the cartridge used with the Model 300. It reduces effective phono background noise to as low a point as we know of in any preamplifier. And it incorporates a unique subsonic filter that eliminates sub-audible information passing through the system that wastes low-frequency amplifier power and causes unnecessarily high IM distortion in both the amplifier and loudspeakers.

One additional benefit in using the Model 300 (with the

one additional benefit in using the Model 300 (with the Powered Advents) is that its power amplifier can later be used to drive extra loudspeakers elsewhere or to power the back channels in a time-delay system.

System Price \$1299

Including Our "Blue Chip System" Warranty.

Just \$265.25 Down, \$52.47 A Month!

Cash Price with Tax \$1365.25 — Down Payment \$265.25 — 24 Monthly Payments of \$52.47 — Total Deferred Payment Price \$1524.53 — Annual Percentage Rate 12% — Upon Approval of Credit — Insurance, If Desired, Extra.

The Loudspeakers

The Powered Advent is a two-way, biamplified system, using New Advent drivers combined with separate low- and high-frequency power amplifiers built into the speaker's cabinet. It will play loud: at least as loud as a New Advent driven by a power amp of more than 300 watts per channel. Yet the new self-powered system costs per pair about the same as that massive power amp alone. Biamplification makes that possible, and here's how.

Assuming a speaker has the power-handling capacity, it is the amplifier which places the upper limit on system loudness. Specifically, the spectral content of most music is such that demands at low and mid frequencies cause the amplifier to clip at high volume levels. Clipping results in spurious harmonics which are reproduced by the speaker's high-frequency driver, and those harmonics are heard as annoying distortion. With the Advent or New Advent, even the largest power amps available for home use will clip on many types of music before the speaker's power-handling limits

are reached.

Biamplification substantially reduces the audible effects of amplifier clipping. When heavy demands are made on the woofer's power amplifier, it clips like any other. But the annoying high frequency harmonics which result from clipping in the mid-range never reach the tweeter, which is being driven cleanly by its own separate power amp. This means that the biamplified system will play very loudly with audibly negligible distortion, and it requires less total amplifier power to do so than the same speaker driven to similar levels with a conventional single amplifier channel.

In even the largest listening room, the Powered Advent

In even the largest listening room, the Powered Advent provides a rare listening experience. It makes it possible to enjoy all kinds of music, from full symphonic to disco rock, at essentially live levels, free of the audible strain that results when pushing an otherwise good system to its limit.

when pushing an otherwise good system to its limit.

In essence, the integration of power amplifiers and speaker drivers has a synergetic effect: the Powered Advent provides more from its individual elements than seems possible at first glance. It makes possible a system that uniquely combines wide range, tonal accuracy, and extraordinary acoustic output — all at lower cost and in a conventional bookshelf size.

See page 3 for details of our "Blue Chip System" warranty.

The Turntable/Cartridge

The SL-1900 is a dramatically new offering from Technics that has all of the performance and features anyone would ever want. The servo-controlled, ultra-low speed DC motor directly drives the turntable platter (not through any belts or gears). It is fully automatic (start, return, and shut-off) and combined with viscous damped cueing insufes your records are given the best treatment possible. The turntable base is incredibly massive to help eliminate feedback. The two speeds (33-1/3 and 45 rpm) can be individually adjusted and monitored by the built-in strobe. Low-capacitance phono cables and a hinged removable dust cover are also included. The VMS-20 was designed by Ortofon for critical listeners

who own the highest quality turntables — we think a perfect match for the SL-1900. It uses Ortofon's Variable Magnetic Shunt principle which has the advantages of low moving mass, high channel separation, low distortion and lower record wear. The VMS-20 also has a nude diamond stylus — a whole, natural diamond given the required shape and mounted directly to the cantilever (rather than a diamond tip mounted into a metal holder on the cantilever — which adds a lot of mass just where you don't want it).

System Rating

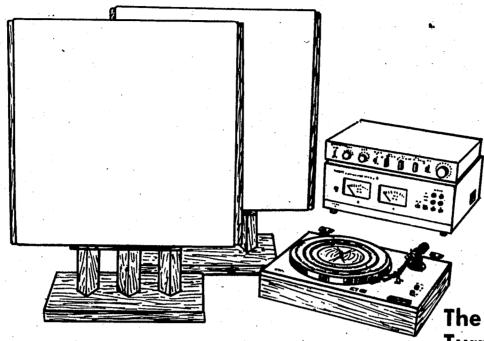
Frequency	Range	5
_		
Reliability		
Noise		
Loudness		<u> </u>
Appearan	çe	
	ating (0-100)	99



SHAP IN SE

Our Not-For-Everyone-But-We-Love-To-Dream System

System 2800 is not for everyone. It is for those who are willing and able to pay a premium for the extra few percentage points toward perfection. It is the kind of system we all like to dream of owning someday.



The Pre/Power Amplifiers

The Yamaha C-2 is everything a preamplifier should be and nothing more — having only those functions and features that are absolutely necessary but with a technical sophistication in its electronic circuitry that is unmatched. The resulting ultra-low noise and distortion, and the sense of precision and craftmanship make the C-2 a total joy to listen to and use.

The phono preamplifier is the heart of any preamp and the C-2 offers a three-fold choice of inputs. Two are for conventional cartridges and use ultra-low noise Yamaha FET's in matched pairs. The third input (and the one we are most excited about) is for the professional type moving coil cartridges (they require an additional stage of amplification because of their low output) and is an excellent match for the Ortofon MC 20 we have chosen for this system. Due to a specially developed Yamaha integrated circuit, the signal-to-noise ratio is more-than-you'll-ever-need 70 db.

The tone controls are high precision attenuator types.

The tone controls are high precision attenuator types. There are twenty steps for each control with a tone defeat setting in the central position, bypassing the tone controls entirely.

A switchable subsonic filter cuts frequencies below 15 Hz. Reproducing these frequencies can waste amplifier power and modulate audible music causing noticeable distortion. The filter has no discernible effect on the music.

The Yamaha B-2 is a superb sounding, stable, 100 watts per channel power amp (it will easily put out much more but Yamaha is ultra-conservative in their ratings) at vanishing low distortion levels. It has a pair of wide range peak output level meters that display a signal long enough for you to monitor real amplifier output. From the front panel you can select two speaker systems and adjust their relative loudness levels.

The Yamaha C-2/B-2 combination offers all the craftsmanship, technology, and performance that any discerning listener and user would ever likely want.

See page 3 for details of our "Blue Chip System" warranty.

The Loudspeakers

The Dahlquist Corporation was founded in 1972 by Jon Dahlquist (a young engineer with considerable engineering credentials too numerous to mention here) and Saul Marantz (designer and originator of the still famous and state-of-theart tube-type electronics in the mid to late 1950's and still one of the most formidable names in the industry)

of the most formidable names in the industry).

The outgrowth of that partnership was the Dahlquist DQ10. Since that time, it has become legendary among state-ofthe-art loudspeakers. Its reputation has been established
through consistent, wide-spread critical acclaim from all
those who know what live music sounds like. Its reputation is
further enhanced by virtue of the fact that this level of
performance (comparable to the best loudspeakers costing
over \$1000 each) has been achieved at a relatively low price.
The Dahlquist then is the bargain among expensive, high
performance loudspeakers.

The DQ-10 is a five-way five speaker system housed in one fairly large enclosure. A ten-inch acoustic suspension woofer (very similar to the Advent in design) covers the 30 to 400 Hz range, crossing over to a five-inch mid-woofer that operates to 1000 Hz. A two-inch soft dome mid-range driver covers the critical 1000 to 6000 Hz octaves. The high frequencies are reproduced by a three-quarter-inch dome tweeter which crosses over to a piezoelectric super-tweeter at 12,000 Hz. A very sophisticated and necessarily complex crossover is used to transition the audio signal smoothly from one driver to another. The result is a coherent sound reproducer that spans the range from the deep bass to several thousands of cycles higher than any of us can hear. The resultant frequency response is fantactically contains.

spans the range from the deep bass to several thousands of cycles higher than any of us can hear. The resultant frequency response is fantastically smooth.

The Dahlquists set new standards in establishing the proper left-right and front-back stereo image. There are none better, regardless of cost, in this regard.

System Price \$2800

Including Our "Blue Chip System" Warranty.

Just \$442.80 Down, \$119.25 A Month!

Cash Price with Tax \$2942.80 — Down Payment \$442.80 — 24 Monthly Payments \$119.25 — Total Deferred Payment Price \$3304.80 — Annual Percentage Rate 12% — Upon Approval of Credt — Insurance, If Desired, Extra.

Turntable/Cartridge
The Yamaha YP 800 is an all manual direct-drive turn-

table really designed for the professional. The precision craftsmanship is hard for us to describe here on paper; it's something one must see firsthand.

The balanced, massive (4.4-lbs. to be exact) platter and the powerful DC servo motor mean inaudible wow, flutter, and rumble with speed accuracy independent of line frequency

rumble with speed accuracy independent of line frequency and voltage. The two speeds (33-1/3 and 45 rpm) are selected by feather-touch buttons (as well as "stop") and can be electronically adjusted and monitored by the built-in strobe. The YP 800 is suspended in such a way as to make it virtually impervious to external vibrations and acoustic feedback. Included is a hinged removable dust cover.

The tone arm, headshell combination is very low mass, and together with the virtually friction-free bearings, ideally suited to the Ortofon MC 20. (Most people don't realize how important it is to pick the right cartridge for the right tone arm and how the tone arm as well as the cartridge can affect the sound.) All of the necessary adjustments for optimum performance are right at hand-stylus overhang, stylus force, anti-skate, and even a built-in leveling bubble. Hydraulically damped cueing ensures gentle treatment for stylus as well as record.

stylus as well as record.

The Ortofon MC 20 is their finest cartridge. It is a movingcoil type (which is quite different from the typical one found
in most systems) and has been the choice of professionals
and critical listeners for years. Its advantage is extreme accuracy due to unusually wide and smooth frequency
response. Its popularity has been limited because the low
output has necessitated the use of a pre-preamplifier or
transformer at quite an increase in cost. However, the
Yamaha C-2 solves this problem nicely because of its already
built-in moving coil preamp.

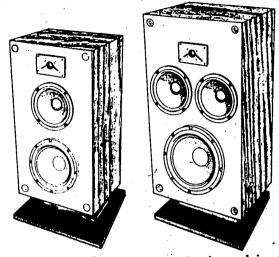
The MC 20 has Ortofon's special fine-line stylus — a new profile that combines the low record and stylus wear of a conical with the excellent tracing ability of an elliptical.

System Rating

Frequency	Range	4.5
Accuracy	•••••	5
Reliability	•••••	
Distortion	• • • • • • • • • • • • • • • • • • • •	5
140156	• • • • • • • • • • • • • • • • •	5
Loudness	• • • • • • • • • • • • • • • • • •	4.5
Appearance	e	5
	ting (0-100)	



Why We At Stereocraft Are So Excited About The 2013 Monitors



Polk Audio began about five years ago when three bright and energetic young John Hopkins graduates — Mat Polk (physics), George Klopfer (liberal arts), and Sandy Gross (behavioral sciences) — decided to manufacture public address loudspeakers. Their business was successful all right, but the market was definitely limited. (They were not unaware of the rapidly growing home stereo business, however.)

They had long been impressed by the sound of full-range electrostatic loudspeakers with their incredible accuracy and ease of reproducing every subtle detail found in the musical source (the old KLH-9 being a good example). They also were very aware of the glaring deficiencies of such designs — high cost, low reliability, frequent maintenance, placement headaches, etc., etc.

So they began a research project to see if they could build a relatively conventional loudspeaker that would equal the sonic performance of the famed electrostatics but without the drawbacks.

Specifically, their design objectives were the following: 1) open, boxless, three-dimensional sound; 2) smooth, accurate frequency response across the musically relevant audio bandwidth; 3) phase coherence independent of frequency; 4) nearly-perfect hemispheric dispersion; 5) consistently excellent transient response across the total bandwidth (not in just one or two frequency ranges); 6) stable stereo imaging; and 7) efficiency sufficient to allow use with most any good amplifier or receiver.

The Bass-Midrange Driver — In order to achieve these objectives, they first took a hard look at the frequencies between 50 and 3000 Hz — a frequency range into which most all musical fundamentals fall and obviously critical to the accurate reproduction of musical material. Below this range lies only the deepest bass, above it the harmonic overtones. In order to preserve the sonic integrity of this range and prevent phase distortion within it, one very special 6½ inch driver was developed to span this entire range. (The Model 10 uses two such drivers; the Model 7, one.)



The Soft-Dome High Frequency Driver — The transition at 3000 Hz from the bass-midrange driver to their superbone-inch soft dome tweeter is accomplished smoothly by a sophisticated and expensive crossover. The one-inch dome tweeter has a very smooth and extended high frequency response with really excellent dispersion (which means you can sit well off-axis and hear all there is to hear).



The low Frequency System — While the 6½ inch bass-midrange driver has excellent response and dispersion over its range, below the 50-60 Hz region, it just isn't large enough to get adequate coupling with the air, so a low resonance 10 inch passive radiator is used (8 inch in the Model 7). It is actually driven by the acoustic energy produced in the cabinet by the twin 6½ inch drivers, resulting in very deep bass response.

The Polk Stand — It has long been recognized that most loudspeakers sound better off the floor than on. The Polk Stand is an essential part of their loudspeaker that raises it several inches off the floor and angles upward toward the listener. It eliminates midrange coloration due to floor coupling and raises its high frequency driver more near ear level.

In Conclusion — Polk Audio has the image of an audiophile oriented company with esoteric products. In truth, they build loudspeakers that can compare with the most expensive available, but far below them in price. The Model 10 is \$240, the Model 7, \$180. Both prices include the Polk stand.



A Good Cassette Deck Will Pay For Itself Faster Than Anything We Know Of

The Economics

If you figure \$6.00 an album (a "going price" for a \$6.98 list album), then 60 albums — only about one a week — would cost \$360. These 60 albums would contain about 40 hours of music, which could easily be handled by 30 C-90 cassettes. If you were to take advantage of our 30 pack special (see tape offer II below), you could obtain 30 high performance Advent Chromium Dioxide tapes for only \$90 at the time you purchase a deck. The difference between the \$360 that the records would cost and the \$90 that it costs to tape the equivalent amount of music is \$270 — enough, for example, for a high quality Yamaha cassette deck, such as the TC511S on the facing page.

What to Look For in Buying a Cassette Deck

There are three things (besides price, of course!) to consider in choosing a cassette deck: 1) Performance; 2) Reliability, and 3) Ease of use.

Performance. To perform acceptably well, a good cassette deck must include two basic provisions: the Dolby noise reduction system, and a chromium dioxide tape switch to take advantage not only of chromium dioxide tape, but also the new premium ferric oxide tapes which are designed for a chrome switch. Beyond these features, a good deck should excel in 3 areas: signal-to-noise ratio, frequency response, and wow and flutter.

Signal-to-noise ratio gives an indication of the noise added to the source by the recording process. In poor recorders, a background "hiss" is the most noticeable and objectionable indication of a poor signal-to-noise ratio. A S/N ratio of 56 or better (higher numbers indicate quieter tapes) with Dolby noise reduction is required for good recordings.

Frequency response gives an indication of how accurately the tape deck is able to reproduce the source being recorded. A frequency response of 30-14,000 ± 3 dB is good enough to achieve virtually perfect copies of any source being recorded. (If a recorder were -3 dB at 14,000 Hz, this would mean that a recorded 14,000 Hz note would sound only half as loud as the source being taped; +3 dB would mean that frequency was twice-as-loud on the tape as on

the source being taped.) Frequency response measurements that aren't accompanied by a plus and minus dB figure are meaningless.

Wow and flutter both measure departures from constant pitch. Wow is low frequency variation in pitch, while flutter is high frequency variation in pitch. The best way to check a tape deck for wow or flutter is to record piano music. A deck with wow and flutter problems will make the piano tone sound like it's wavering. Specifications for wow and flutter can be very misleading because of different standards, but generally a figure of 0.13% or lower is acceptable, using Japanese rating standards.

Reliability. This is a difficult factor to assess in a tape deck. A model that has been around for at least a year is generally more apt to have bugs worked out than a brand new model. The companies whose decks we recommend on the next page are noted for staying with a good product for a long time rather than changing models for appearance sake only

Ease of Operation. The objective of a tape deck is simple: to make a tape copy of source material that sounds indistinguishable from the source. There are now many cassette decks that can do this, but there are still important differences between these decks, and convenience or ease of operation then becomes very important in choosing between them. Ideally, a cassette deck should not require an electrical engineer to make consistently good recordings on a wide variety of musical material. In all seriousness, a good cassette deck should be so easy to use that an average 5-year-old (whatever that is) can repeatedly make good copies.

What About Tape?

There are a number of good tapes on the market, but we strongly believe that Advent Chromium Dioxide tape is the best all around choice, especially in view of its remarkably low cost when compared with other premium tapes. Some manufacturers and retailers have initiated "scare" tactics concerning chrome tape, claiming that it wears heads excessively fast. Very recent studies by DuPont, Advent, and Nakamichi have shown that in fact Chromium Dioxide is no more abrasive than the premium ferric oxide tapes.

TAPE SPECIAL

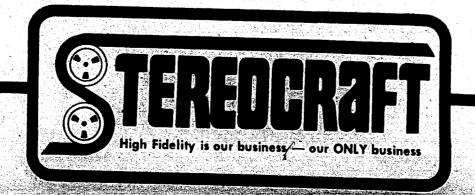
If you purchase a tape deck from Stereocraft, we make the following special offers, good AT TIME OF PURCHASE ONLY.

Tape Offer #1

Buy 12 Advent C-90 Chromium Dioxide tapes (\$72 retail value) for only \$39.95.

Tape Offer #2

Buy 30 Advent C-90 (\$180 retail value) for only \$90.



Four Cassette Decks We Highly Recommend

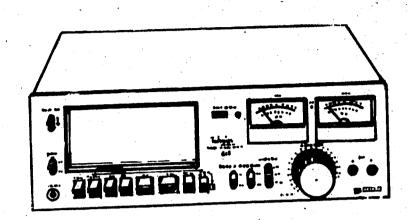
Below we recommend four decks, priced from \$209 to \$560, that thoroughly outclass their competition in the areas of performance, reliability, and ease of operation. All four machines easily exceed the minimum requirements for good recording discussed on page 14.

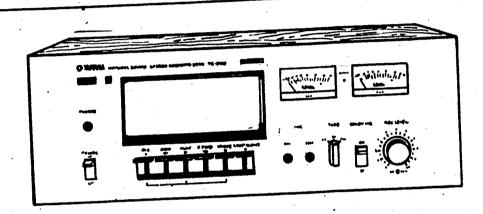
Technics RS-615

High Performance on a Budget

The Technics RS-615 is the first budget priced deck we know of that doesn't really compromise performance. It has Dolby, chrome switching, and a pause control (which is great if you are taping from FM and don't want to record commercials). It features convenient front loading, and includes a timer stand-by mechanism, which, with the addition of an optional timer unit, can be pretimed to start and stop recording at any given time. The frequency response and signal-to-noise ratio are as good as many machines at twice the price.

The RS-615 is a genuine bargain at \$209





YAMAHA TC511S: \$270

The Yamaha TC511S is the best value we know of in a really good cassette deck. It has all the features and performance most people would ever want or need, and is the deck most of us recommend to our friends when they can't afford the Advent 201A. Its wow and flutter of 0.07% equals the best cassette decks at any price. The 511S features convenient front loading and has the precision and silky feel of other Yamaha products. This is a deck you'll never have to apologize for. Its frequency response of 30 to 15,000 Hz with chrome tape covers the entire audible range of music, and the signal-to-noise ratio of 60 dB with Dolby guarantees that the 511S will add no noise of its own during the recording process.

Advent 201A: \$399

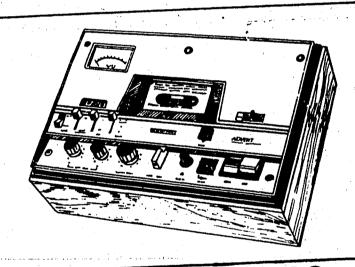
The Easiest Way to Consistently Excellent Recordings

Advent was the first to develop high-performance cassette recording equipment, introducing innovations like the Dolby system of noise reduction and chromium-dioxide (CrO₂) tape to cassette use. The original Advent 201 was the first recorder that made cassettes a totally satisfying hi fi recording medium. It started a whole new industry.

was the first recorder that made cassettes a totally satisfying in it recording medium. It started a whole new industry.

The new 201A will keep the business humming. It offers, among other things, a radically new tapehead (made of Sendust alloy) that combines performance and durability as never before. It has the Dolby System, of course, and the right provisions for chromium-dioxide tape. And its useful frequency range, low distortion, and quiet backand the right provisions for chromium-dioxide tape. And its useful frequency range, low distortion, and quiet backand for recordings are unsurpassed by any cassette deck at any price.

The biggest thing, though, is that its performance — unlike that of many machines — isn't just something you the biggest thing, though, is that its performance — unlike that of many machines — isn't just something you get in theory under "ideal" conditions. The 201A makes it easy (and easily repeatable) to make superb recordings that sound essentially identical to the best source material available for home taping, including the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily, time after time, in actual use — not just under ideal ing the finest records and broadcasts. (2) Make them easily,



The Ultimate Two Head Machine

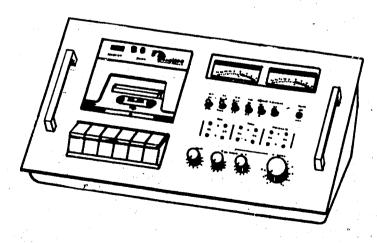
The Ultimate Two Head Machine

Simply stated, the Nakamichi 600 is the finest performing two-head cassette deck available today. Its performance is comparable to the very best reel-to-reel machines. The frequency response, for example, is a graranteed ance is comparable to the very best reel-to-reel machines. The frequency response, for example, is a graranteed and in the special user adjusting the real power of the Nakamichi 600 lies not only in its supperformance, but also in the special user adjusting a performance that allow optimum performance under all constants and with all kinds of tape. For example: (1) able features that allow optimum performance under all constants and with all kinds of tape. For example: (2) separate bias equalization switches, which allow the more as anced enthusiast to experiment with various setters and choose the combination that will yield the desired performance with any one of the many high quality castings and choose the combination that will yield the desired performance with any one of the many high quality castings and choose the combinations on the market today. (2) User adjustable bias on the front panel, so that the user can sette tape formulations on the market today. (2) User adjustable bias on the front panel, so that the user can conveniently readjust the bias for a new type of tape. (3) Peak Reading Meters with an exceptionally fast time rise conveniently readjust them accurate indicators of musical peaks and very easy to read. The coupled with a slow decay time, making them accurate indicators of musical peaks and very easy to read. The conveniently readjust the bias for a new type of tape. (3) Peak Reading Meters with an exceptionally fast time for the conveniently readjust them accurate indicators of musical peaks and very easy to read. The conveniently readjust them accurate indicators of musical peaks and very easy to read. The conveniently readjust them accurate indicators of musical peaks and very easy to read. The conveniently readjust them accurate indica

orded. A truly unique feature of the Nakamichi 600 is intermodulation suppressor circuitry, which allows recording at her levels than normally possible by reducing, during playback, the distortion caused by recording at a too-high

level.

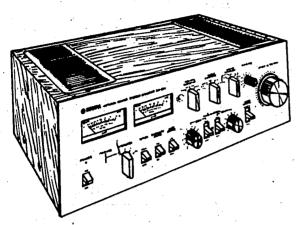
If you find the features and performance described here hard to believe, come to any of vincing demonstration.





Upgrade Your Stereo

Yamaha CA-810. Best Value **EVER** in an Integrated Amplifier



Cars can provide some nice analogies to hi fi. For instance, we like to describe Yamaha as being the Mercedes of the hi fi industry. In past years that meant you paid a premium price and got a premium and long lasting performer. But something happened at Yamaha this year — the Mercedes of hi fi is now priced like a V.W. Rabbit!! We know of no better example than Yamaha's new CA 810.

We think the CA 810 is the biggest bargain ever in an integrated amplifier.

Though specifications alone don't tell the whole story, the specs for the CA 810 equal or exceed those of the most expensive separate preamps and power

amps on the market. The signal-to-noise ratio of the phono preamp, for example, is an incredible 95 dB. This is 20 dB quieter than a costs-twice-as-much preamp only from a famous old line manufacturer!

The CA 810 also has provisions for three phono inputs — one of which has a built-in head amp (which means you can use a high performance moving coil cartridge such as the Ortofon MC 20 without having to add

Another feature which sets the CA 810 apart from its competitors is the continuously variable loudness control. Any loudness control is designed to compensate for the human ear's inability to detect sufficient bass

The problem is that the ear's insensitivity to bass and treble changes as the volume changes, and hence amps that provide only a simple on-off loudness control cannot retain proper tonal balance at all volume set-

amps that provide only a simple on-off loudness control cannot retain proper tonal balance at all volume settings. With the CA 810, however, you get a separate and continuously variable loudness control so that natural tonal balance is maintained at all listening levels.

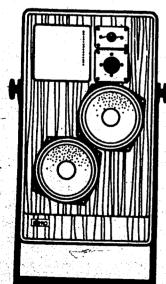
Possibly the best reason for the CA 810 being so good is the fact that it was designed to have superb performance under actual-in-home listening. In developing the CA 810, Yamaha came up with a new and really meaningful performance standard called Noise Distortion Clearance Range (NDCR). NDCR expresses the entire range of output power from the low point (where noise is an unacceptably high percentage of the signal) from one-tenth of a watt to 65 watts per channel, the 810 keeps total harmonic distortion below .05. What's more, these measurements include all the circuitry from the Phono In to the Speaker Out (most spees quote the Aux-In, which leaves out the phono equalizer, a major source of distortion). What NDCR means to you as a the Aux-In, which leaves out the phono equalizer, a major source of distortion). What NDCR means to you as a music lover is simple: you are assured of inaudible noise and distortion over the entire range of music at

Though the features and performance already described place the CA 810 in the ultimate category, there are three more which solidify its position as the best-value-ever in an integrated amplifier.

- 1). Wide range peak delay meters which are fast enough to respond to even the briefest of transient bursts. They operate over the range from 1/20 of a watt to 158 watts, and they read out in decibels as well (-50 dB to
- 2) A record out selector which enables you to record any source while astening either to that source or any
- A special 15 Hz subsonic filter which cuts out the power robbing, distortion causing garbage created by warped records, line noise, or turntable-tone-arm resonances.

We saved the best part for last — the price. While retaining all the features and performance of last year's top-of-the-line CA 1000, the CA 810 adds meters and drops in price by \$210. The CA 810 is priced at only \$390, and is a bargain by any standards.

ADS 910 — A Real "Monitor" Speaker



ADS (Analog and Digital Systems) is an example of the new breed of manufacturers who are more interested in quality and genuine performance than in annual cosmetic product changes. ADS was formed with one major commitment: to use advanced materials and methods in high technology electronics and physics to present music lovers with superb audio equipment. Their founder and president, Dr. Godehard Guenther, was a famed NASA space scientist.

The ADS 910 is the culmination of ADS's efforts. The 910 is a three-way, four-driver system, containing a 1" soft dome, acoustic suspension tweeter, a 2" soft dome acoustic suspension midrange driver, and two 10" long excursion woofers in separate chambers. These precision drivers are precisely blended by means of an elaborate crossover network.

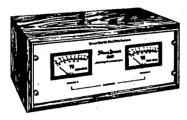
The sound of the ADS 910 is utterly clean and transparent with amazing dynamic range. The efficiency of the system is moderately high, and its power handling capability is prodigious. The result is a speaker which sounds effortless whether playing the soft, delicate sounds of a string quartet or the thunderous, explosive sounds of a live rock concert

The ADS 910 is one speaker you'll never outgrow. Provisions made for future bi- or triamplifying the system, and a totally unique peak reading LED power meter is optionally available to measure and display power supplied to the speaker. The 910, shown at the left on its optional stand, sells for \$600.

The Best Buy in a Super Amp . . .

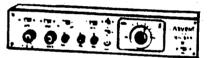
For three years now we have been touting the Phase Linear 400 as THE bargain among super amplifiers.

After examining the current crop of super amps, we see no reason to change our opinion. At only \$550 for well over 400 watts, the Phase 400 excels not only in brute power, but in ultra-clean, low distortion sound.



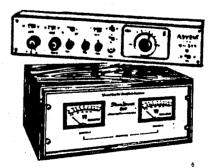
... And the Best Value in a State-of-the-Art Tuner-Preamp . . .

If you've read about system 499, you'll understand why we get excited about the Advent 300, and in particular, its phono preamplifier and tuner. One specialist magazine, the Audio Critic, picked the Advent 300 preamp as superior to an \$1800 famous separate preamp. Enough said? The Model 300 sells separately for \$270.



... Make the Best Value in a High Powered "Receiver"

You may think we're joking in calling the Advent 300-Phase Linear 400 combination a "receiver", but we're sincere. With all the high powered receivers appearing, the Advent-Phase Linear "receiver" is indeed a logical alternative. In fact, there is no high powered receiver on the market that can hold a candle to this combination. So if you're looking for a high powered receiver, you really can't do any better, and chances are you'll save a bundle in the process. An added bonus is the fact that the Advent 300 power amp can be used for other applications, such as driving the rear channels in a time delay system.



Stereocraft **Special Combination** Price



Two Ways To Dramatically Improve Any Stereo System



Phase Linear 1000

No matter how good a system you have, its performance is limited by the quality of the source being played. The dynamic range of a musical performance (the difference in volume between the loudest and softest passages) can easily exceed 80 dB. Even the best studio record-cutting equipment will produce records having a dynamic range of at most 60-70 dB. This "compression" of an 80 dB live performance into roughly 65 dB is the main reason why even the best home stereo system sounds different than a live performance.

The Phase Linear 1000 Dynamic Range Recovery System is an ingenious device which helps remedy this loss of dynamics in two ways: 1) by restoring the dynamic range of the performance; and 2) by reducing the hiss and noise from your records, tapes, and FM without loss of high frequencies.

The Phase Linear 1000 can be installed quite easily in the tape monitor path of either a receiver or a preamplifier. An additional tape monitor unit is provided to replace the one used in connecting the Phase 1000.

How well does the Phase 1000 work? Here's what some of the professional reviewers had to say:

- "A step beyond any other expansion and noise reduction system we have tested . . . once you have used it, you won't want to be without it . . . Restores, to a very great extent, the program dynamics removed during the recording process." Stereo Review
- "... the peak unlimiter and the autocorrelator noise reduction systems give us 17.5 dB, which is a very considerable increase in overall effective S/N ratio and dynamic range." Audio
- "... the autocorrelator circuit is incredible in its action."

 FM Guide \$349

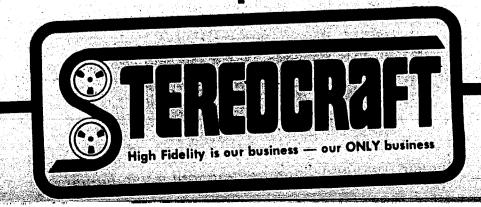


SAE 1800

By now most everyone knows that an equalizer is an elaborate tone control system with multiple controls instead of just bass and treble. SAE has gone one step beyond the conventional equalizer and devised a revolutionary new tone control system called a parametric equalizer. Here's a brief account of how it works. (The best way to understand this remarkable instrument is to get an in-store demonstration!) Each control on a conventional equalizer covers a fixed portion of the audible band, and the frequency at which each control is centered is also fixed. For example, ordinary bass and treble controls cover about 3 octaves each, while a more complex octave equalizer has 10 controls (one for each octave), each of which covers precisely one octave. In the parametric equalizer, however, you can select not only the frequency at which the control is centered, but you can also select how wide a bandwidth the control will cover. In the octave from 320 to 640 Hz, for example, you could decide to center the action of the control at any frequency in-between 320 and 640 Hz (in a conventional equalizer, you would have no choice; the action of the control would be centered at 480 Hz). Also, you could decide whether you wanted the control to work over the entire octave (or even beyond), or only cover about one-third of an octave. (In a conventional equalizer you would have no choice).

The key word, then, is flexibility. The Model 1800 has two control groups per channel. These control groups operate independently of one another in the sense that one can operate over a .3 octave range while the other could operate over any range possible from .3 to 3.6 octaves. (In a conventional equalizer, each control operates over the same range.) This flexibility can really be an advantage. For example, a typical listening room might overemphasize the bass in the 80 to 120 Hz range (this is half the octave from 80 to 160 Hz), while the frequencies from 5000 to 18,000 Hz might be depressed. (This covers almost 2 octaves — 5000 to 10,000 Hz and 10,000 to 20,000 Hz). Using the SAE 1800, you would set the low frequency control to center at 100 Hz (halfway between the problem area of 80 to 120 Hz), and let the control operate over half the octave. The high frequency control could then be centered at 11,500 Hz (halfway between the problem area of 5000 to 18,000 Hz), and the operating range would be about 1.8 octaves.

The SAE Model 1800 parametric equalizer, with two control groups per channel, costs \$300; the Model 2800, with four control groups per channel, costs \$550.



You May Not Believe The p

The items below are all in limited quantity. Many are new and/or current models, some are demos, ALL CARRY THE NEW FULL MANUFACTURERS WARRANTY. All items were in stock as noted as of this writing, but they are going fast. QUANTITIES ARE LIMITED.

Yamaha Closeout!

Because Yamaha makes the ultimate in consumer electronics, and because they offer extraordinary value at their regular price, a "deal" on a Yamaha is noteworthy indeed. Check the bargains below, and hurry — they won't last long!

Item	Reg. Price	Special	Stores
CR 400 receiver	\$330	\$219	All
CR 450 receiver	\$390	\$279	
CR 600 receiver	\$460	\$2 9 9	All
CR 800 receiver	\$580	*399	All
CA 400 amplifier — 40 watts	\$270	*179	W
CA 600 amplifier — 60 watts	\$330	\$219	All
CA 1000 amplifier — 140 watts	\$600		All
CT 400 tuner	\$210	\$3 7 9	All
CT 600 tuner	\$270	\$159	All
NS 690 speakers		\$199	Y
	\$560/pr.	\$399/pr.	Y

YP 701 Belt-Drive Semi-Automatic Turntable and Empire 2000 E-III Cartridge, Reg. \$290 — SPECIAL

^{\$}179



Two Systems Featuring The Greatest Savings We Know Of On Name Brand Equipment By Pioneer, Sansui and Garrard.

System I

Sansui 221 receiver Pioneer Project 60A speakers Garrard 440M auto. turntable Pickering V15 cartridge



Total Retail	\$455
	\$299
Stereocraft Price	
SAVE	\$156

System II

Sansui 551 receiver
Pioneer Project 100A speakers
Garrard 990B auto. turntable
Shure M91ED cartridge

Total Price		\$7	771
	•	111212	
Stereocraft Price	• • •	199
SAVE		\$6	272



Prices On These Pages!

When not all stores have an item, the letter code under the "stores" column indicates which Stereocraft stores have the item. ("E" for Ellensburg, "P" for Pullman, "Y" for Yakima, "W" for Walla Walla)

	Speakers		
Model	Reg. Price	Special	Stores
	\$168	\$119	Y, P, W
JBL L-26	\$354	\$279	Y, P, W
JBL L-100		\$319	Y
JBL L-166	\$426		
R.T.R. Exp 8	\$90	\$59	Y
Koss Model One	\$1075	\$799	. W
	\$695	\$499	Y, E
Koss Model Two	\$420	\$299	\mathbf{Y}
Allison: One	*420	200	_

Electronics	

Elec	,11011165	;	e.
Model	Reg. Price	Special	Stores
Technics SA 5060 Receiver	\$190	\$129	E , P , Y
Technics SA 5760 Receiver	\$800	\$499	P
•	\$170	\$99	Y, E, W
Rotel RX-102 Receiver	\$200	\$139	All
Sansui 331 Receiver	\$260	\$179	All
Sansui 551 Receiver	*560	\$399	. E
Sony 7065A Receiver		\$199	E
Altec 714A Receiver	\$444	133	
Harman Kardon A-401 integrated amp	\$180	\$129	All
Harman Kardon A-402 integrated amp	\$ 375	\$269	All
Accuphase E-202 integrated amp	\$750	\$499	W
SAE MK 31B power amp/cabinet	\$344	\$249	Y

Stereophones

		J.	
Model	Reg. Price	Special	Stores
Koss Phase 2	\$75	\$49	P
Koss Pro 5 LC (Pro 4AA + level controls)	\$80	\$49	E
Koss VFR Technician	\$75	\$49	Y, P
Superex Pro VI B	\$65	\$29	E

Turntable Packages

All include base, dust cover, and Empire 2000E-III wide range elliptical cartridge, except as noted.

Wide range emptions of	Total	Crasial	Stores
Model	Retail	Special	
B.I.C. 940	\$207	\$129	All
B.I.C. 960	\$267	\$179	All
B.I.C. 980	\$307	\$199	All
Sony PS 1700, Audio Technica	\$185	\$129	All
Sony PS 2700, Audio Technica	\$210	\$159	All
Sony PS 3300	\$270	\$189	All
Sony PS 4300	*340	\$239	Y
Sony PS 4750	*370	*199	Y
Pioneer PL 112D	\$170	\$99	All
Pioneer PL 115D	\$195	\$119	W, P
	\$3 70	<u>\$249</u>	- Y, W, P
Technics SL 1300 B & O 1900 and B & O cartridg		\$249	W
Garrard 990B, Shure M91ED	\$261	\$149	All
	\$258	\$129	\mathbf{E}
Dual 1226 Dual CS601, Shure V15-III	\$365	\$229	Y
	\$500	\$249	P, W
Thorens TD125AB MKII Thorens TD165C	\$270	\$139	E, Y

Tape Decks

Decks		• • • • • •
Reg. Price	Special	Stores
*200	\$159	<u>Y</u>
\$999	\$699	Y, P
\$190	- \$129	Y, W, P
\$350	\$249	Y, E
\$599	\$399_	P
*299	*169	- W, P-
\$199	\$159	P
	Reg. Price \$200 \$999 \$190 \$350 \$599 \$299	Reg. Price Special *200 *159 *999 *699 *190 *129 *350 *249 *599 *399 *299 *169



You'll Love Yourself For Buying Headphones



Yamaha HP-IA . . . \$65

Yamaha's HP-IA and HP-2 are the only ones you need consider when you want to be off by yourself and really get into the music (especially when neighbors and landlords put a damper on how loud you can play your loudspeakers).

In evaluating a set of headphones, you should really consider only three factors: performance, comfort, and price. The Yamaha HP-IA and HP-2 rate higher in each of these three areas than any other headphones we have encountered to date.

Their frequency response is incredibly wide and smooth (bass notes are audible in the 30 Hz region). This is in part due to the extremely light diaphragm used with a voice coil/magnet assembly that gives much the same benefits as an electrostatic loudspeaker.

The problem with many of today's "ultimate" headphones is their design and weight; they can't be worn for more than a few minutes at a time without increasing discomfort. Yamaha's headphones, on the other hand, can be comfortably worn literally for hours. They are incredibly light to begin with and, because of their well thought out design, spread that weight uniformly over one's head and ears.

At \$65.00, the HP-IA has a larger diaphragm and magnets, and hence slightly better bass response, with slightly more weight (but still not objectionable). The HP-2, exactly the same headphone except for the differences above, costs \$45.00, and is probably the best value we know of and our most popular.

.... And the Winner is

Last spring and summer we conducted a "Summer sweepstakes" with prizes totaling '1500. We promised you the results of the drawing, and here they are:

Prize	Winner Hometo	wn Prize	Winner	Hometown
 Sansui 551 AM/FM Receiver Garrard 990B Auto. Turntable and Shure M91ED Cartridge 2 Pioneer Project 100A Speakers Sony TA1066 Integrated Amplifier 2 Pioneer Project 60A Speakers 	Cindy Elefritz Raymond Dave Messinger . Seattle Dan Reynolds Port Towns	11. Discwasher	Mike Booser Jason Kaufman . Mark Rogers Howard Jackson	Walla Walla Ellensburg Mercer Island Yakima
6. Pioneer SE100 Electret Headphones 7. Empire 2000E-III Deluxe Elliptical Cartridge 8. Empire 2000E-III Deluxe		15. Audio Technica AT6010 Record Cleaner 16. Audio Technica AT6010 Record Cleaner	Craig Estabrook	Ellensburg
Elliptical Cartridge 9. Empire 2000E-III Deluxe Elliptical Cartridge		17. Audio Technica AT6010 Record Cleaner 18. Audio Technica AT6010 Record Cleaner		

