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State of Alaska

Committees

CO-CHAIR, HOUSE JUDICIARY
VICE-CHAIR, HOUSE LABOR AND COMMERCE
HOUSE HEALTH, EDUCATION
AND SOCIAL SERVICES



P.O. BOX V
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(SESSION)
914 CLAY COURT
ANCHORAGE, ALASKA 99503
(907) 276-6844

Representative Max F. Gruenberg, Jr.
District 11
Spenard, Upper Midtown Anchorage

M E M O R A N D U M

DATE: April 15, 1991

TO: Representative Georgianna Lincoln, Co-Chair, House HESS
Committee

FROM: Representative Max F. Gruenberg, Jr. *MFG*

SUBJECT: Sponsor Statement for HB 258

Thank you for scheduling a hearing on HB 258, which appropriates funds for the purchase of automatic defibrillators statewide and provides for training.

Automatic defibrillators are used to sustain cardiac arrest victims by restarting their hearts, thereby providing enough time to transport the victim to a hospital for advanced life-support treatment. Defibrillators can frequently make the difference between life and death. Installing a defibrillator on emergency vehicles increases the chances of saving the victim by at least 50%.

In the first six months after they were installed citywide, defibrillators were used twelve times by the Anchorage Fire Department. Six lives were saved; the remaining six people were basically beyond help when the emergency personnel arrived. 1990 statistics are still being compiled, but it appears that additional lives have been saved.

By consolidating the order statewide through the Southern Region Emergency Medical Services Council, Inc., we have been able to receive a substantial 20% discount from the manufacturer.

I urge you to support the proposed CSHB 258 (HESS), which adds to the list the four defibrillators still needed by the Anchorage Fire Department.

Thank you very much.

SPONSOR STATEMENT

HOUSE BILL 258 WILL PROVIDE AUTOMATED DEFIBRILLATORS (LIFEPACK 300'S) TO THE FOLLOWING LOCATIONS:

- 1. TOK EMS
- 2. KOTZEBUE EMS
- 3. KAKTOVIK
- 4. NUIQSUT
- 5. NOME
- 6. UNALAKLEET
- 7. KLAWOCK
- 8. METLAKATLA
- 9. KAKE
- 10. HOONAH
- 11. CHUGIAK EMS (2)
- 12. ANCHOR POINT EMS (1)
- 13. COPPER RIVER EMS (2)
- 14. WHITTIER EMS
- 15. CORDOVA EMS
- 16. SEWARD EMS
- 17. HOMER EMS (2)
- 18. SAND POINT EMS
- 19. BETHEL FIRE DEPARTMENT

1-19
Included in original bill

Added by Proposed CS



- 20. ANCHORAGE FIRE DEPARTMENT (LIFEPACK 200'S) (4)
 - 1. STATION 5-SPENARD & MCRAE
 - 2. STATION 3-AIRPORT HEIGHTS
 - 3. SQUAD 1-7TH & C
 - 4. BACK UP & TRAINING (HELD AT AIRPORT HEIGHTS)

THE COMMUNITIES WERE SELECTED BY A NATIONALLY ESTABLISHED PROFILE. ADVANCED LIFE SUPPORT FACILITIES, LIKE A HOSPITAL, MUST BE NO MORE THAN 20 MINUTES AWAY AND A PHYSICIAN MUST BE AVAILABLE FOR SPONSORSHIP. THE REGULAR COST FOR A LIFEPACK 300 IS \$7490. BY CONSOLIDATING THE ORDER WE WERE ABLE TO OBTAIN THEM FOR \$5992 EACH, SAVING 20%. LIFEPACK 200'S COST \$4080 EACH. FUNDS FOR TRAINING ARE INCLUDED IN HB 258.

AUTOMATIC DEFIBRILLATORS REQUESTED

<u>Community</u>	<u>Instructor Fee*</u>	<u>Travel**</u>	<u>Total</u>
Interior Region			
Tok EMS	\$ 300	\$ 300	\$ 600
Manilaq (Nana)			
Kotzebue EMS	300	500	800
No. Slope Borough			
Kaktovik	300	400	700
Nuiqsut	300	200	500
Norton Sound			
Nome	300		300
Unalakleet	300	200	500
Southeast Region			
Klawock	300	200	500
Metlakatla	300	200	500
Kake	300	200	500
Hoonah	300	200	500
Southern Region			
Chugiak EMS (2)	300		300
Anchor Point EMS (1)	300		300
Copper River EMS (2)	300	300	600
Whittier EMS	300	100	400
Cordova EMS	300	300	600
Seward EMS	300		300
Homer EMS (2)	300		300
Sand Point EMS	300	1,000	1,300
Yukon-Kuskokwim			
Bethel Fire	300	500	500
TOTALS	\$5,700	\$4,600	\$10,300

* Instructor Fee based on 12 hour classes @ \$25.00 per hour.

** Travel is estimated on the basis of whether or not a community currently has the appropriately trained level of instructor - this could change by the time we look at actually scheduling classes.

***** TRANSMITTAL MEMO *****

TO: DIANE
 DEPT: M. GRUENBERG FAX #: 465-4565
 FROM: DECKIE PHONE: 562-6449
 CO: SREMS FAX #: 563-4731

NO. OF PAGES
1

HOUSE COMMITTEE REPORT

(7)

Date Referred: April 3, 1991

FURTHER REFERRALS:

Finance

Date of Committee Action: _____

The HEALTH, EDUCATION AND SOCIAL SERVICES Committee considered:

HB 258

HOUSE BILL NO. 258

APPROP: DEFIBRILLATORS AND TRAINING

"An Act making an appropriation to the Department of Health and Social Services for a grant for the purchase of defibrillators and for defibrillator training; and providing for an effective date."

RECOMMENDATIONS:

be replaced with CS HB 258 (HES) the same title a new title

have attached amendments(s)

do pass

do not pass

no recommendations

individual recommendations

additional referral to the _____ Committee

ADOPTS: _____ letter of Intent

ATTACHES NEW FISCAL NOTE(S): (Dept)

APPROVES PREVIOUS: (Dept/Date)

fiscal impact _____

fiscal note(s) _____

zero fiscal note _____

zero fiscal note(s) _____

SIGNING DO PASS	DP	OTHER RECOMMENDATIONS	DNP	NR	AM
<i>Carl...</i>	✓				
<i>Cheri Davis</i>	✓				
<i>Bettye Davis</i>	✓				
<i>Mark...</i>	✓				
<i>[Signature]</i>	✓				

[Signature]
CHAIRMAN'S SIGNATURE

7-LS1029D
Utermohle
4/18/91

CS FOR HOUSE BILL NO. 258 ()
IN THE LEGISLATURE OF THE STATE OF ALASKA
SEVENTEENTH LEGISLATURE - FIRST SESSION

BY

Offered:

Referred:

Funding Information:	General Fund	\$158,820
	Other Funds	<u>-0-</u>
		\$158,820

Sponsor(s): REPRESENTATIVES GRUENBERG, Koponen, Kubina, Mackie, Baker, Bruckman, B.Davis, C.Davis, Donley, Foster, Gonzales, Grussendorf, Hudson, Ivan, MacLean, M.A.Miller, Parnell, G.Phillips, R.Phillips

A BILL

FOR AN ACT ENTITLED

1 "An Act making an appropriation to the Department of Health and Social Services for
2 a grant for the purchase of defibrillators and for defibrillator training; and providing for
3 an effective date."

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

5 * Section 1. The sum of \$158,820 is appropriated from the general fund to the Department of Health
6 and Social Services for payment as a grant under AS 37.05.316 to the Southern Region Emergency
7 Medical Services Council, Inc., for purchase of defibrillators to be distributed throughout the state and
8 for defibrillator training.

9 * Sec. 2. The appropriation made by this Act lapses June 30, 1993.

10 * Sec. 3. This Act takes effect immediately under AS 01.10.070(c).

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IN THE LEGISLATURE OF THE STATE OF ALASKA
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HB
208

Alaskan Communities that Currently Have Paramedic Services, EMT-III Services, or Basic Emergency Medical Services With Defibrillation Capabilities.

Anchor Point *
Anchorage *
Anderson
Barrow
Bethel *
Big Lake
Butte
Chignik Lake
Chugiak *
Cooper Landing
Cordova *
Craig
Delta Junction
Denali Park
Dillingham
Dutch Harbor
Eagle River
Eielson AFB
Fairbanks and (Suburban Fairbanks)
Ft. Yukon
Ft. Greely
Ft. Wainwright
Girdwood
Haines
Healy
Homer *
Houston
Juneau
Kake
Kaktovik
Kenai
Ketchikan and (Suburban Ketchikan)
King Salmon
Kodiak
Meadow Lakes
Naknek
Nenana
Nikiski
Ninilchik
North Pole
Palmer
Pelican
Petersburg
Prudhoe Bay
Seldovia
Seward *
Sitka

Skagway
Soldotna
Sterling
Sutton
Talkeetna
Tok
Trapper Creek
Unalaska
Valdez
Valdez Creek
Ward Cove
Wasilla
Willow
Wrangell
Yakatat

McGrath
Galena



Alaska State Legislature
House of Representatives
 COMMITTEE ON HEALTH, EDUCATION
 AND SOCIAL SERVICES

SUBJECT OF MEETING:
 HB258 APPROP: DEFIBRILLATORS & TRAINING

DATE: April 17, 1991

PLACE: Capitol Room 106

NAME	REPRESENTING	BUSINESS/PERSONAL MAILING ADDRESS	ZIP	(H) PHONE	(W) PHONE	DO YOU WANT TO TESTIFY?	WHAT SUBJECT/ WHICH BILL?
MARK S. JOHNSON	EMS, DWSS	P.O. BOX 14, DWSS	99811-0616	463-5807	465-3027	<input checked="" type="radio"/> Y <input type="radio"/> N	HB 258
RONNI R. SULLIVAN	SOUTHERN REGION EMS COUNCIL	6130 TUTTLE PLACE ANCHORAGE, AK	99507	488-2170 572-6449	562-6449	<input checked="" type="radio"/> Y <input type="radio"/> N	HB 258
KYLE WITT	PHYSIO-CONTROL	11811 WILLOWS RD NE REDMOND, WA	98073	206 488-6571	800 426-8047	<input checked="" type="radio"/> Y <input type="radio"/> N	HB 258
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	
						<input type="radio"/> Y <input type="radio"/> N	

News Release

Physio-Control Corporation/11811 Willows Road Northeast/Post Office Box 97006/Redmond, WA 98073-9706 USA/Telephone: 206/867-4000

February 11, 1991

For immediate release

Contact: Kyle Witt

Toll free: 1-800-426-8000

A NEW AUTOMATIC DEFIBRILLATOR JOINS THE PHYSIO-CONTROL LIFEPAK FAMILY OF PRODUCTS

Physio-Control Corporation announces the release of the LIFEPAK® 300 automatic advisory defibrillator, the newest unit in the company's family of defibrillator/monitors.

The LIFEPAK 300 system goes several steps beyond what is on the market to provide a superior product designed for easy operation by first responders, such as emergency medical technicians (EMTs), firefighters, ambulance drivers, and police officers.

Outstanding features include a comprehensive EMT-D data review and reporting system, CODE SUMMARY™ critical event record built into the system for on-site information, voice prompts to reinforce display messages, optional manual mode, a backlit screen for easier reading, and a battery that does not need to be removed from the system in order to be charged.

(more)

**PHYSIO
CONTROL**

LIFEPAK 300

page 2

According to Kyle Witt, Physio-Control product manager for the new LIFEPAK 300 system, the device is certain to set the industry standard.

"This product goes beyond anything currently available for the prehospital market," he says. "Although it is by far our most technologically advanced product, it is easy to use."

He adds that customer response portends the popularity of the LIFEPAK 300 system. "Within days of its release, we received the largest order in company history, an order in which this device made up the bulk."

In addition, the new LIFEPAK 300 automatic advisory defibrillator was designed to work in tandem with a product manufactured by Ambu® Inc. exclusively for Physio-Control. Ambu Man VIP-D is the first voice, interactive automatic external defibrillator system to facilitate training of first responders.

Based near Seattle, Washington, Physio-Control is the recognized world leader in the manufacture, sale and service of defibrillators and other medical instruments for both the prehospital and hospital market.

Importance of Early Defibrillation

An ambulance weaves its way through noon-day traffic to a downtown office high-rise. Paramedics race to a man who has collapsed. They check his vital signs, discover that his heart has stopped contracting efficiently, and defibrillate him. The powerful electrical charge quiets his heart muscle so it can begin to beat normally, and he is placed in the ambulance. At the hospital, an emergency room team begins to stabilize him. They monitor his cardiac rhythm and admit him to the coronary care unit.

*This patient is lucky. He was discovered -- and received care -- in time.**

1,500,000 Americans suffer heart attacks every year. Over 500,000 die, the vast majority before reaching the hospital. When you're talking about cardiac arrest, every second counts. Brain damage occurs in the first four to six minutes. For best chances of success, a defibrillation shock must be applied as quickly as possible.

Emergency medical service personnel in the Seattle area report that over three fourths of their calls are cardiac-related. But the vast majority of those who will arrest do so *before emergency help arrives*. Speedy defibrillation by firefighters and other first responders is therefore of paramount importance in saving lives.

Physio-Control developed cardiac defibrillators specifically to meet this need. Their LIFEPAK® defibrillators, recognized world-wide for their quality and state-of-the-art features, allow paramedics and first-responders to defibrillate almost anywhere, reestablishing the patient's normal cardiac rhythm. Other LIFEPAK defibrillators are designed for crash cart use in a hospital setting. Increasingly popular are automatic advisory defibrillators, which monitor a patient's heart activity and signal the user when defibrillation is necessary. Using sophisticated computerized analysis, automatic advisory defibrillators extend defibrillation capabilities to fire fighters and emergency medical technicians, permitting much broader -- and faster-- service to communities before paramedics arrive.

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Corporate Backgrounder

Physio-Control is a world leader in the manufacture, sale and service of defibrillator/monitors. It also markets and services 12 Lead electrocardiography equipment and other medical instrumentation.

The company was founded in 1955 by renowned cardiovascular surgeon, Dr. K. William Edmark, who was determined to reduce the number of sudden deaths related to cardiac surgery. His research in treating the chaotic, abnormal heart rhythm of ventricular fibrillation with a direct current (DC) electric shock led to development of the first commercial DC defibrillator. This product soon became a prototype for medical instrumentation used world-wide by hospitals and emergency medical services.

In 1965 Physio-Control developed the LIFEPAK® 33 defibrillator/monitor, a battery-powered unit which revolutionized the defibrillator marketplace forever. Giving health care providers flexibility for use in and outside a hospital setting, the product became the unquestioned standard for emergency paramedic teams nationwide. Its flexibility for use both in and outside hospital settings led to the creation of a long line of LIFEPAK defibrillator/monitors.

Since the early '80s, the company's products have broadened defibrillation capabilities to emergency technicians and first responders, helping deliver life-saving measures to patients in the field. A trained firefighter today, for example, can use an automatic advisory defibrillator to administer a live-saving shock without having to wait for a paramedic's arrival. Patient monitoring, noninvasive blood pressure and noninvasive cardiac pacing products have also been developed and refined.

In 1980 Physio-Control was purchased by pharmaceutical manufacturer Eli Lilly and Company. Physio-Control entered into an alliance in 1989 with Mortara Instrument Inc. to market 12 lead electrocardiography products to hospitals and emergency medical services.

Physio-Control has sales and service offices throughout the world. Listed in the past two editions of the book, *The 100 Best Companies to Work for in America*, the company is known for its innovative work environment. It employs about 1,000 people known as Team Members who enjoy a continuing education system, financial aid for adoption and a high-tech facility nestled in a rural setting. Many work a four-day work week. Physio-Control led the nation in offering the first supported work program for people with developmental disabilities.

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LIFEPAK[®] 300

PHYSIO CONTROL CORPORATION

Physio-Control...
the world
leader in
prehospital
defibrillation.



PHYSIO
CONTROL



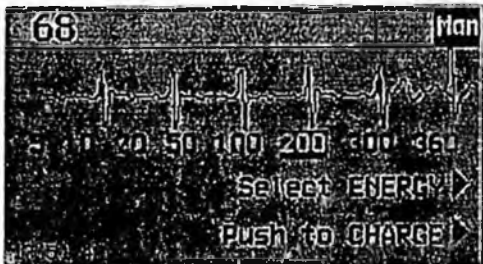
Simple operations

- Display graphics keep messages concise
- Voice prompts reinforce display messages



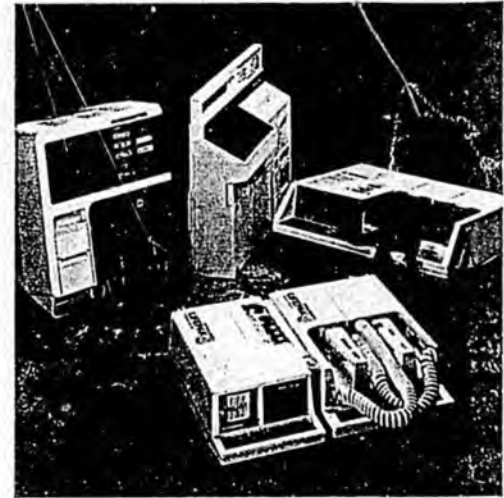
Patented motion detection system

- Excludes analysis of motion distorted ECG.
- Yields higher degree of accuracy.



Optional manual mode

- Provides wide range of energies.
- Saves precious time when ALS personnel arrive on scene.
- Enables responder to get one complete record.



The LIFEPAK 300 defibrillator is part of a family of products

- The LIFEPAK 300 defibrillator uses the same defibrillation electrodes as other prehospital and hospital LIFEPAK defibrillators, saving time and money.

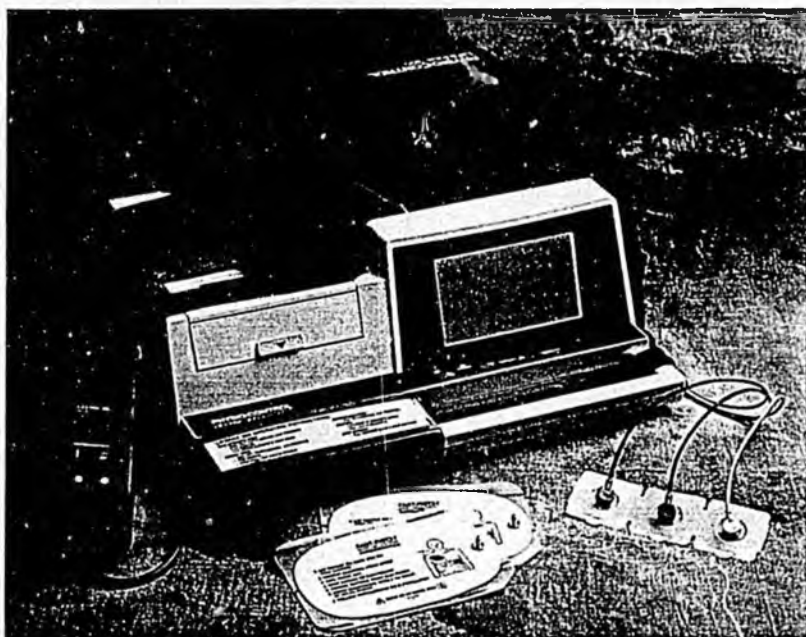


CODE SUMMARY™ critical event record

- Records selected patient ECG and device operations automatically.
- Summarizes chronological events so you don't need to sift through hours of ECG information.
- Integral to the unit - requires no separate

LIFEPAK 300

automatic advisory defibrillator



Smart battery system

- Charger adjusts charge rate according to battery temperature for extended battery life.
- Battery doesn't need to be removed from the device to be charged - one less thing to remember.

Optional ECG Monitoring Cable

- Monitors ECG using conventional ECG electrodes.
- Offers superior baseline stability over 2-lead cable with ECG electrodes.



Comprehensive EMT-D data review and reporting systems

- Incident report forms, when combined with CODE SUMMARY critical event record, save review time.
- PC and Macintosh® compatible statistical report software available for tracking and evaluating your emergency system's performance.

CODE SUMMARY	
CRITICAL EVENT RECORD	
16 OCT 90	
POWER ON	08:41:57
TOTAL ENGINE	3
CLIPPER TIME	00:04:44
CONFIGURATION	221211



TESTED TOUGH

THE LIFEPAK 300 DEFIBRILLATOR IS BUILT ON THE STRENGTHS THAT MADE US NUMBER ONE.

At Physio-Control, we believe it's critical to prove the integrity of our products for field use. Our goal is to equip you with a comprehensively tested, reliable instrument - designed for your needs.


Durable

Versatile

Simple to use

Just what you'd expect from Physio-Control. The LIFEPAK 300 automatic advisory defibrillator is no exception. Features carefully chosen and packaged into one unit make your job - the job of saving lives - easier.

To help manage your equipment, Physio-Control offers the largest field service team in the industry. Our field representatives can provide on-site periodic check-ups to help keep your equipment calibrated and functional as well as on-call repair service.



Training is critical for the success of a rapid defibrillation program. Through a partnership with Ambu, Incorporated, Physio-Control offers a unique interactive training system for users of automated

SPECIFICATIONS

DEFIBRILLATOR

EGG PRINTER

AC BATTERY CHARGER

ENVIRONMENTAL

INTEGRAL ECG/VOICE RECORDER

EGG OUTPUT SIGNAL

PHYSICAL CHARACTERISTICS

ECG MONITOR/DISPLAY

BATTERY PAK

The Chain of Survival

The "Chain of Survival" is a metaphor to articulate the essential elements of a successful rapid defibrillation program. While ultimately the EMT and the EMS organization are the vital strength of this chain, PhysioControl provides unique medical products and training aids to make your job — the job of saving lives — easier.



Early Access

Early CPR

Early Defibrillation

Early ACLS

PHYSIO
CONTROL

**PHYSIO
CONTROL**

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