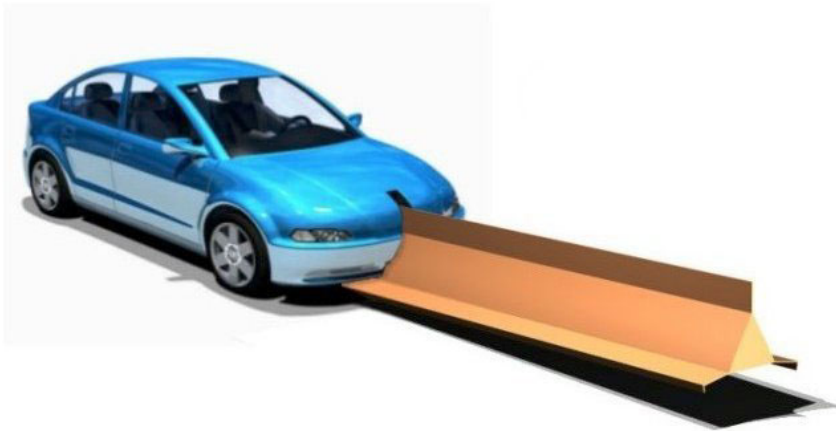


# RUF recommendations



**Palle R Jensen, RUF International**

**2007**

# Flemming Damgaard Larsen



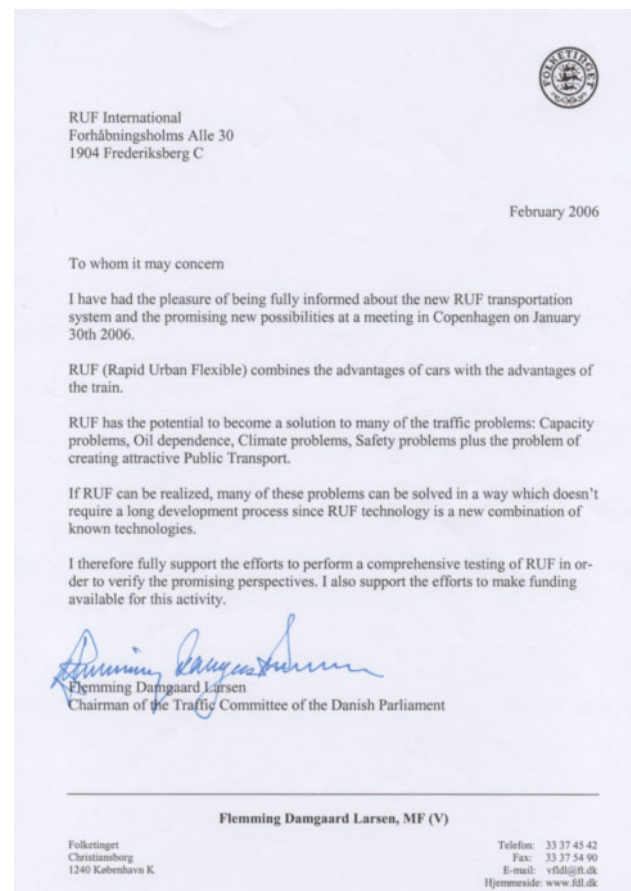
## Chairman for the Traffic Committee in the Danish Parliament

Quote:

RUF has the potential to become a solution to many of the traffic problems: Capacity problems, Oil dependence, Climate problems, Safety problems plus the problem of creating attractive Public Transport.

If RUF can be realized, many of these problems can be solved in a way which doesn't require a long development process since RUF technology is a new combination of known technologies.

I therefore fully support the efforts to perform a comprehensive testing of RUF in order to verify the promising perspectives. I also support the efforts to make public funding available for this activity.



## Mayor for Traffic in Copenhagen in 2000



Quote:

"As in many other cases of decisive new ways of looking at things Palle R. Jensen has chosen to ignore the religious war in this field. He has endeavoured to combine the most positive aspects of private motoring with the most positive aspects of the public transport system."

# MTA Los Angeles



Quote (James L. de la Loza):

“We eagerly await the results of a demonstration of the RUF system”



# CALMODE



Quote (Lukman Clark):

“CALMODE endorses your RUF system and will make every effort to promote its development, testing and implementation within Southern California”

# Prof. Jerry Schneider



University of Washington Department of Civil Engineering



Quote:

“I am very excited about the RUF concept ”

“I believe that RUF can deal effectively with the transportation problems being faced by major urban centers all around the world”

“Finally, let me say that I have been impressed with the depth of your thinking about the many complexities involved in designing a new transportation concept”

# Prof. Charles Lave



Prof. of Economics  
Institute of  
Transportation Studies  
University of California,  
Irvine



Quote:

“I strongly believe that the RUF system offers our only hope for luring people out of cars, and it has the side advantage of serving the old, the young, and the poor at the same time”

“RUF is an exceptionally promising concept and offers our only realistic hope for improving urban transportation”

# Prof. Ortwin Ohtmer



Prof. Dr.-Ing.  
Chair Mechanical  
Engineering  
California State  
University, Long Beach



From:  
Professor Dr.-Ing. Ortwin Ohtmer  
Chairman Department of Mechanical Engineering  
California State University Long Beach  
1250 Bellflower Blvd.  
LONG BEACH, CA 90840 - 8305  
Tel: 310 - 985 4407  
FAX: 310 - 985 4408

September 15, 1996

To:  
RUF International  
attn. Mr. Uffe Gottschalk  
Project Manager  
Roedovre Centrum 155  
DK 2610 Roedovre  
DENMARK  
FAX: 011 - 45 36 70 88 66

RE: Letter of Recommendation for demonstration project of RUF system

Dear Mr. Gottschalk,

It is a pleasure for me, to write a truly favorable recommendation, to build a RUF demonstration project.  
I am totally convinced, that such a system is feasible and that it is mechanically and technical possible. This system will be very useful, to demonstrate the people mover capacities and it is a major step in the acquisition process for contracts from other interested cities and organisations, as they are for example located in California.

I am very much impressed with your designs and plans and I can only hope and wish that you are able to obtain the funds to realize your project.

Sincerely yours,

*O. Ohtmer*

Professor Dr.-Ing. O. Ohtmer, Chair Mechanical Engineering

Quote:

“It is a pleasure for me, to write a truly favourable recommendation, to build a RUF demonstration project.”

“I am totally convinced, that such a system is feasible and that it is mechanically and technical possible.”

“I am very much impressed with your designs and plans and I can only hope and wish that you are able to obtain the funds to realize your project.”



# Dennis Manning



President

ATRA  
Advanced Transit  
Association

Quote:

“The dualmode system that RUF represents is a new possibility with great potential. It is able to combine the car convenience with the efficiency known from guideway systems ”

”As president of the Advanced Transit Association (ATRA), I strongly support the attempts to fully develop and test the RUF concept.”

***ATRA***

Office of President  
P.O. Box 53  
Mammoth Lakes, CA 93546

October 30, 2000

To:  
Palle R Jensen  
RUF International  
Denmark

As a consequence of your presentation of the RUF concept at the conference: "New Visions in Transportation" in Aspen, Colorado, 18-20 Oct. 2000, I am convinced that the development of the RUF concept will contribute significantly to solving the massive traffic problems in all developed countries.

The dualmode system that RUF represents is a new possibility with great potential. It is able to combine the car convenience with the efficiency known from guideway systems - Personal Rapid Transit (PRT).

RUF is far superior to the proposed Automated Highway System. RUF is safer, faster and better for the environment. It is also much more realistic to implement, since it doesn't interfere with the existing highway system.

RUF is also a solution to the implementation of electric vehicles, required by the ZEV mandate in California. The battery problem known from ordinary electric vehicles is solved by using power from the guideway to recharge the batteries.

As president of the Advanced Transit Association (ATRA), I strongly support the attempts to fully develop and test the RUF concept.

Sincerely,

A handwritten signature in black ink that reads "Dennis Manning". The signature is written in a cursive, flowing style.

Dennis Manning  
President of ATRA

# Dean Richard Williams



College of Engineering

California State  
University, Long Beach

Quote:

“I believe that dual mode rapid transit systems such as that being developed by RUF, offer great promise for helping meet Southern California's transportation needs.

CALIFORNIA STATE UNIVERSITY, LONG BEACH

COLLEGE OF ENGINEERING  
OFFICE OF THE DEAN

September 16, 1996

Mr. Ole Angelius, Vice President  
RUF International  
ROEDOVRE CENTRUM 155  
DK-2610 ROEDOVRE  
Denmark

Dear Mr. Angelius:

With reference to the discussions held in our office August 16, 1996 with RUF International and Mr. Lukman Clark, Director of Development from College of Liberal Arts and President of CALMODE, we are hereby pleased to confirm our commitment to support the promotion, analyses and implementation of a RUF system in the Los Angeles area.

During the meeting, it was agreed that CSULB, CALMODE and RUF International will join forces in order to identify financing for the preparation of a comprehensive feasibility study concerning the technical, financial and economic viability of the RUF System in the context of the future traffic infrastructure of L.A. We also agree that we will join forces in the preparation of the feasibility study.

I believe that dual mode rapid transit systems, such as that being developed by RUF, offer great promise for helping meet Southern California's transportation needs.

Cordially yours,

A handwritten signature in black ink, appearing to read 'Richard Williams', written over a horizontal line.

Richard Williams, Dean  
College of Engineering

RW:vm

# Timothy J. Cooley



Executive Vice-President

Orange County Business Council

Quote:

“The RUF system provides a realistic opportunity for an incremental implementation throughout the Los Angeles basin, starting out with transportation of goods and mass passenger vehicles.”



ORANGE COUNTY BUSINESS COUNCIL

EXECUTIVE COMMITTEE September 14, 1996  
CHAIRMAN  
Eugene E. Shoup  
VOLUME COMPANY  
CHIEF EXECUTIVE OFFICER  
Dale A. Allen  
Doree Nielsen, FC  
PRESIDENT  
Carl S. Peterson  
VICE CHAIR  
CODY L. DONOHUE  
John L. Shuman  
The Third Orange County  
VICE CHAIR  
ECONOMIC DEVELOPMENT  
Roger E. Brandy  
SUNSHINE GOLFERS CLUB COMPANY  
VICE CHAIR  
MEMBER OF DISTRICTS  
JOHN A. SPURGEON  
The Orange County Register  
VICE CHAIR  
MEMBER OF DISTRICTS  
P. J. JOHNSON, JR., Esq.  
NORMAN W. JOHNSON  
NORMAN W. JOHNSON  
VICE CHAIR  
PUBLIC AFFAIRS  
GEOFF H. HARRIS  
The Lane Company  
VICE CHAIR  
STRATEGIC INITIATIVES  
Robert B. Rice  
Rice Corporation  
SECRETARY  
Richard E. Bunch, III  
Paul, Messersmith & Ponder  
TREASURER  
ARDEL STARR  
SANDERS PARK CORP.  
PRESIDENT  
FRANK GOODMAN  
MAYOR E. W. WOOD  
WOOD GROUP INC.

Dear Mr. Angelius,

Please accept my thanks for your recent visit and the time you spent in southern California. It was a pleasure for myself and the Orange County Business Council (OCBC) to host your group. As you were made aware by time you left our meetings, the transportation issues in southern California have several unique characteristics which are not readily addressed in any one particular mode or system. At the conclusion of your presentations, several of the attending transportation experts recognized RUF to be the best system yet to accomplish the challenges facing the greater Los Angeles area. Further, those individuals who attended your presentations and arrived at these conclusions were from both the public, and more importantly, the private sectors. It is our belief that the greatest opportunity we have for solving the pressing transportation issues is through private sector/commercially supported dual-mode project implementation. The RUF system provides a realistic opportunity for an incremental implementation throughout the Los Angeles basin, starting out with transportation of goods and mass passenger vehicles.

As you may recall, there were several proposed strategies for furthering the RUF concept among groups concerned about transportation in southern California. First, a proposal is in discussion now between a large engineering firm in attendance and the Southern California Association of Governments (SCAG) for a formal feasibility study of RUF to be performed in conjunction with the major long-range plans already established for the region. Secondly, the OCBC, together with its partners, are pursuing opportunities that the Alameda Corridor project may present as a test-bed for RUF as a cargo system. We believe this is a very good initial foray to prove the safety and reliability to officials, and perhaps more importantly, the general public. Lastly, Dr. Richard Williams, Dean of Engineering at California State University at Long Beach, was notified this week that his program: Center for the Deployment of Advance Transportation

2 PARK PLAZA, SUITE 100, IRVINE, CALIFORNIA 92714 TELEPHONE 714/4522421 FAX 714/4769240

Technology (CDATT), has been awarded a substantial grant to continue his efforts at the center of all this activity. You are aware of his longtime supportive relationship of CALMODE and the RUF concept.

Though nothing happens fast in this arena, we are enthusiastic about the recent activity on the tail of your last visit. We hope your proposed demonstration project can further the discussion of the RUF system and provide a valuable example of its capability to the American audience as well.

Sincerely,

Timothy J. Cooley  
Executive Vice-President, Orange County Business Council  
President, Technology Innovation Council

# Lawrence J. Fabian



Director

TRANS 21

Transportation Systems for the  
Twenty-First Century

Quote:

“Yours is one of the most promising advanced transit technology concepts currently being proposed.”



TRANS 21

TRANSPORTATION SYSTEMS FOR THE TWENTY-FIRST CENTURY

TEL: (617) 825-2318

FAX: (617) 482-7417

02. 08.

30 July, 1996

Mr. Palle Jensen  
RUF International  
Roedovre Centrum 155  
2610 Roedovre, Denmark

Dear Mr. Jensen,

Yours is one of the most promising advanced transit technology concepts currently being proposed. I sincerely hope that Danish officials have the foresight to support your efforts when they meet next month.

Given the information that came together at the Paris APM96 conference and the survey that I recently conducted with Chalmers University, we have a fairly comprehensive view of current developments in this field. The launching of the automated highway demonstration outside San Diego only serves to underscore that dual-mode concepts are again being taken seriously.

The advances in component technologies that have been made since the 1970s increase the potential of your R&D efforts.

I extend my best wishes for success.

Sincerely,

Lawrence J. Fabian  
Director



Institute for Sustainable Transportation

## LETTER OF RECOMMENDATION

Institute for Sustainable Transportation IST Ek. För. (IST) has had the privilege of working together with Palle Jensen and the RUF System at the 2004 seminar "PRT's on a Large Scale" in Stockholm, Sweden.

It has been a very positive cooperation with you, and we foresee an interesting future cooperation between us from 2005 and onwards in the process of realising sustainable transportation systems for mankind.

Your effort is highly appreciated and we are convinced that the technology and ideas you bring into the world community will have a profound effect in the future.

We highly recommend your work for anyone looking for state of the art in PRT technology.

Yours Sincerely

Three handwritten signatures in blue ink are displayed. The first signature is for Kjell Dahlström, the second for Magnus Huhhammar, and the third for Christer Lindström.

Kjell Dahlström  
Chairman

Magnus Huhhammar  
Board member

Christer Lindström  
Board member

IST is not associated or affiliated with any political or organisational party, and acts as a catalyst in support of future sustainable transport systems. The primary focus is on large-scale lightweight zero "Pollution" sized for transportation of people and cargo.



# Danish RUF support



Henning Hummelose, Director HT

“It is a beautiful project which has both the advantages of collective and of individual transport”.

Michael Varming

Vicepresident of the Association for the Beautification of Copenhagen:

“RUF – Rapid Urban Flexible is a Danish invention a vehicle which can drive on the roads as well as on a monorail coupled together with others and at high speed

.... the system is simply ingenious”.

Max Baering, Chairman for the Danish Union of Metal Workers:

“We warmly recommend the Danish Government to allocate considerable amount of money to the further development of the project. If the idea is realized, we will not only solve the traffic problems but also create the chance for a new Danish industrial adventure.”

# Danish RUF support



Letter from:

Johannes Sloth, HT (The bus company in Copenhagen)

Henrik Hassenkam, DSB (Danish Railroads)

Erik Elsborg, Banestyrelsen (owner of the rail system)

Quote:

"The Traffic Authorities are aware of the RUF system and follow it closely. The Traffic Authorities look forward to the time where somebody decide to implement it in a large scale."

Unquote

1998

# EU RUF support



Letter from R. Coleman on behalf of Commissioner Carel Van Miert, 1991:

“The new system developed by RUF International is a very interesting one and it may compete with success with similar systems in solving the future transport of passenger and goods in an environmentally friendly way.”

\*\*\*\*\*

Letter from Fotis Karamitsos on behalf of Commissioner Loyola de Palacio, 2003:

“We are pleased to note the progress with the RUF Dualmode Concept and the support you have received from the European Union’s research programmes.”