

BOARD OF SELECTMEN

DEEP RIVER TOWN HALL

Regular Meeting of August 24, 2010

Attendance: Selectmen Dick Smith, Art Thompson. Dave Oliveria was present through Agenda item number 4. *Also:* Diane Recchia, David & Beverly McKeehan, Charlie Stannard (*LocalOnlineNews*), Jason Ferrandino, Chris Ryan (*Phoenix Theater*), Jonathan Kastner (*Selectman's Staff*). This meeting was not filmed.

1] Call to Order:

The meeting was called to order at 6:43 PM by Dick Smith.

2] Minutes:

Regular Meeting of August 10, 2010. Motion by Thompson, 2nd by Oliveria to approve the minutes of the previous meeting.

APPROVED 3 – 0

3] McKeehan Proposal:

David McKeehan and his wife, Beverly, of 30 Doane Road, spoke to the Board and, aided by a Power Point Presentation, explained his proposal to teach a course in use of computers in the study of higher mathematics and physics. Mr. McKeehan is retired from the petro-chemical industry; he and his wife have lived in Deep River for about three years; it is his intention to provide all hardware and software necessary, and to volunteer his equipment, his time and his knowledge. The presentation follows this agenda entry. The presentation included McKeehan's request to use the former Ambulance Headquarters (now the Fire Department Museum and home to the Emergency Management Office), at 34 River Street, which offers a nearly ideal space in which he could leave his equipment set up for the length of the course (projected to consist of classes two or three hours a day, two or three days a week, for two months or longer).

David McKeehan brought his idea to the Board of Selectmen because of the proposal to use Town-owned property. *His Power Point Presentation follows these minutes.*

Motion by Oliveria, 2nd by Thompson, to approve use of 34 River Street for the class.

APPROVED 3 – 0

4] Design Advisory Board Appointment:

Thompson moved, 2nd by Oliveria, to add to the agenda an appointment to the Design Advisory Board.

APPROVED 3 – 0

Due to the resignation of Andrea Chiappa from the Design Advisory Board, an opening for the remainder of her term became available. The Board accepted Chiappa's resignation and, based on the recommendation of the DAB Thompson moved, Oliveria 2nd, that the Board appoint Mark Giuliano, of 69 West Elm Street, to fill the term, which expires December 1, 2010.

APPROVED 3 – 0

5] Community Health Committee:

Thompson gave an update on the proposed establishing ordinance and language governing fiscal practices concerning the Memorial Fund. The document was placed on the Town website and updated each time citizens' comments or recommendations from Town Attorney Marsh or other sources were received. The final update was on August 24th (the date of this meeting). The Board of Selectmen agreed to take action at the September 14, 2010, meeting. The proposal would then go to a Town Meeting for approval by the residents. No other action was taken on this item.

6] Social Services Agent:

Smith moved that discussion of hiring a Social Services Agent be added to the agenda. Thompson 2nd.

APPROVED 2 – 0

A job description had been prepared and was presented to the Board for review. Thompson moved, Smith 2nd, that the Board accept the job description as submitted. The position will be posted for Town employees as required by the Union contract, then advertised in a local newspaper. Smith noted that he would like the position filled by mid-September.

7] Consent order—Transfer Station:

Smith updated the Board on the consent order requested by the Department of Environmental Protection concerning the former bulky waste site (now closed) at the Transfer Station. The Town has budgeted funds sufficient to cover the cost of engineering for a closure plan, and has been working with Stan Gormley of DEP. Due to concerns about some of the DEP's suggested language considerable time has been spent by Smith, Town Attorney Marsh & personnel of Nathan L. Jacobson and Associates, the Town's engineer. After considerable investigation both Attorney Marsh & Geoff Jacobson have approved the latest version, which has also been accepted by Mr. Gormley. Thompson moved that Smith be authorized to sign the consent order. Smith 2nd. Wording of the authorization follows this item.

APPROVED 2 – 0

"The undersigned certifies that he is fully authorized to enter into this consent order and legally bind the respondents to the terms and conditions of the consent order."

8] Any Other Business to Come Before the Board – Audience of Citizens:

Deep River resident Dianne Recchia, RN, who works for the Westbrook Visiting Nursing Association, and who served as a member of the PHN Investigating Committee, offered to be a member of the Community Health Committee when it is formed. The Board of Selectmen thanked her for her offer and agreed that she would be well qualified to serve.

9] Adjournment:

Thompson moved, Smith 2nd, that the meeting adjourn at 8:55 PM.

APPROVED 2—0

Respectfully Submitted,

Richard H. Smith,
First Selectman

RHS/jk

DAVID MCKEEHAN (bsme, msoe, ret eng.)

**A Learning Forum for math/
Physics/Engineering &
Practical Applications**

**A MENTORED, LEARN-BY-DOING PILOT
PROJECT FOR THOSE INTERESTED IN
TECHNOLOGY**

*A FREE COMMUNITY SERVICE
IN DEEP RIVER*

STYLE OF FORUM

Use relevant practical applications to
connect the mathematics

PREMISE

**People might grasp mathematics
tools easier if applications
INTERESTING TO THEM are
presented early.**

SOME BASIC IDEAS

- FREE, ALL EQUIPMENT AND WORK STATIONS PROVIDED**
- DROP IN, DROP OUT: "ENROLLMENT" NOT NECESSARY**
- GROUP SIZE: 10-12**
- ALLOW FOR RANGE OF INTERESTS & AGES**
- INTERACTIVE: PRESENTATION + INDIVIDUAL WORK**
- PILOT PROGRAM: 12 MEETINGS OVER 6 WEEKS**
- MEETINGS: EVENINGS, TWICE WEEKLY, SAY 7-9:30**
- SCHEDULE: START IN JUNE 2011**
- A FLIGHT SIMULATOR PROVIDED FOR COMPUTER GRAPHICS EXPOSURE AND RECREATIONAL FLIGHT PRACTICE**

TOPICS

- 40 TOPICS SELECTED TO ALLOW VARIOUS INTERESTS**
- THESE ARE COLOR CODED TO REPRESENT MATH, PHYSICS AND APPLIED ENGINEERING**
 - **GREEN : MATHEMATICS (TOOLS)**
 - **BLUE : PHYSICS**
 - **RED: SPECIFIC APPLICATIONS**

MENU STYLE ENABLES BRANCHING ACROSS TOPICS

TOPICS HAVE LEVELS WITH INCREASING DIFFICULTY TO ALLOW EACH TO FIND THE RIGHT PLACE TO START/STOP IN TOPIC. LOWEST LEVEL IS APPROX 5TH GRADE, HIGHEST IS POST GRADUATE COLLEGE LEVEL.

DETAILS IN HANDOUT BUT BRIEFLY...

FUNCTIONS & EQNS	MOTION
UNITS	GYROSCOPIC ROTATION
COEFFICIENTS	FLUID FLOW
GEOMETRY	WAVE THEORY
TRIGONOMETRY	ELECTRO-CHEMISTRY
VECTORS	ORGANIC CHEMISTRY
LINEAR ALGEBRA	QUANTUM MECHANICS
INTEGRAL CALCULUS	BALLISTICS
DIFFERENTIAL CALC.	FINANCE/ CONTRACT MATH
PROBABILITY THEORY	HYDRAULICS
2 D OBJECTS	OCEAN MECHANICS
3 D OBJECTS	STRENGTH OF MATERIALS
ELASTIC MATERIALS	METALLURGY
VIBRATION	OPTICS
THERMODYNAMICS	SIGNAL PROCESSING
DIFFUSION	MAGNETISM
HEAT TRANSFER	COMPUTER ANALYSIS
ENERGY	ELECTRONICS

SOME PRACTICAL APPLICATIONS THAT WILL BE EXPLORED

- DEVELOP EXCEL SPREADSHEET FOR AREA OF LAND
- THE CROWN MOLDING MITER CUT LAB
- VOLTAGE, RESISTANCE, CAPACITANCE LAB (24V)
- HEAT TRANSFER LAB (<150 DEG)
- CLOSEST POINT OF APPROACH: BOATS & AIRPLANE
- DEVELOP AIR TRAFFIC SEPARATION SOFTWARE
- INCLINED RAMP LAB (OFFSITE)
- MICRO-CONTROLLER LAB
- SIGNAL PROCESSING LAB
- COMPUTER GRAPHICS LAB
- SPREADSHEET SOLUTIONS FOR:
 - BALLISTICS
 - OPTICS
 - STRENGTH OF MTLs
 - TIME/SPACE STEP

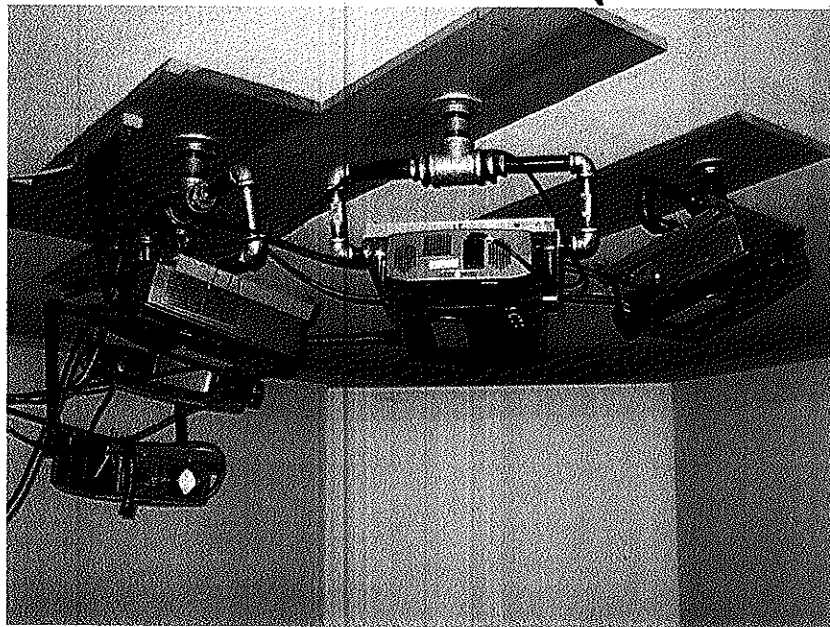
PLANNED EQUIPMENT

- **COMPUTER SERVER CABINET**
- **OVERHEAD PROJECTORS**
- **5 WORK STATIONS**
- **1 MASTER STATION**
- **WHITEBOARD**
- **FLIGHT DECK**
- **3 SCENERY PROJECTION SCREENS**
- **WORK TABLES & CHAIRS**
- **ALL LAB SUPPLIES**

COMPUTER SERVER (5 + MASTER)



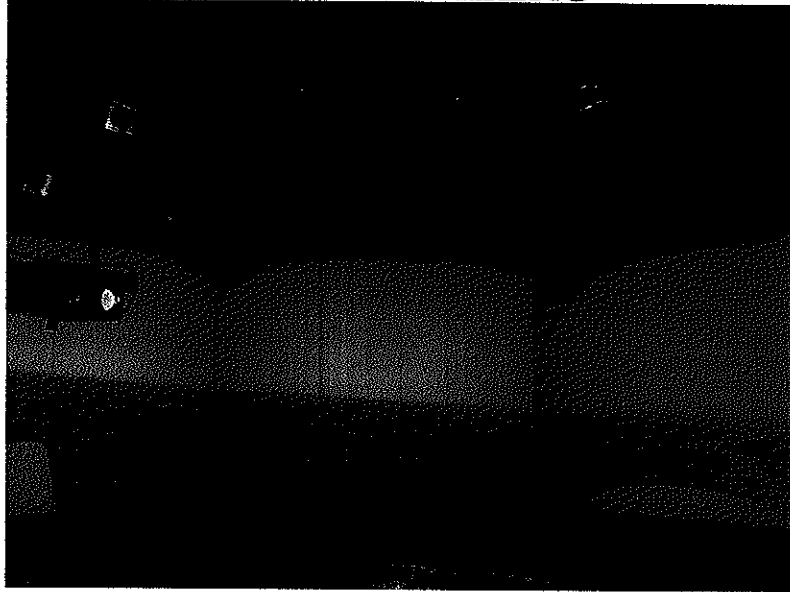
OVERHEAD PROJECTORS (5 SHOWN)



FLIGHT DECK & MASTER STATION



SCENERY SCREENS

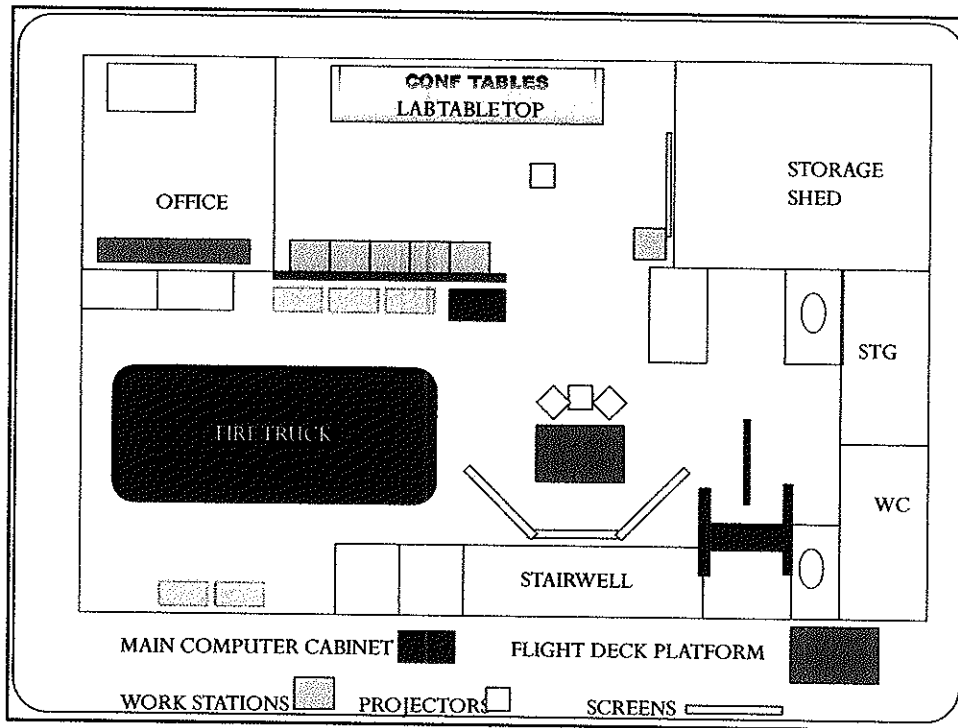
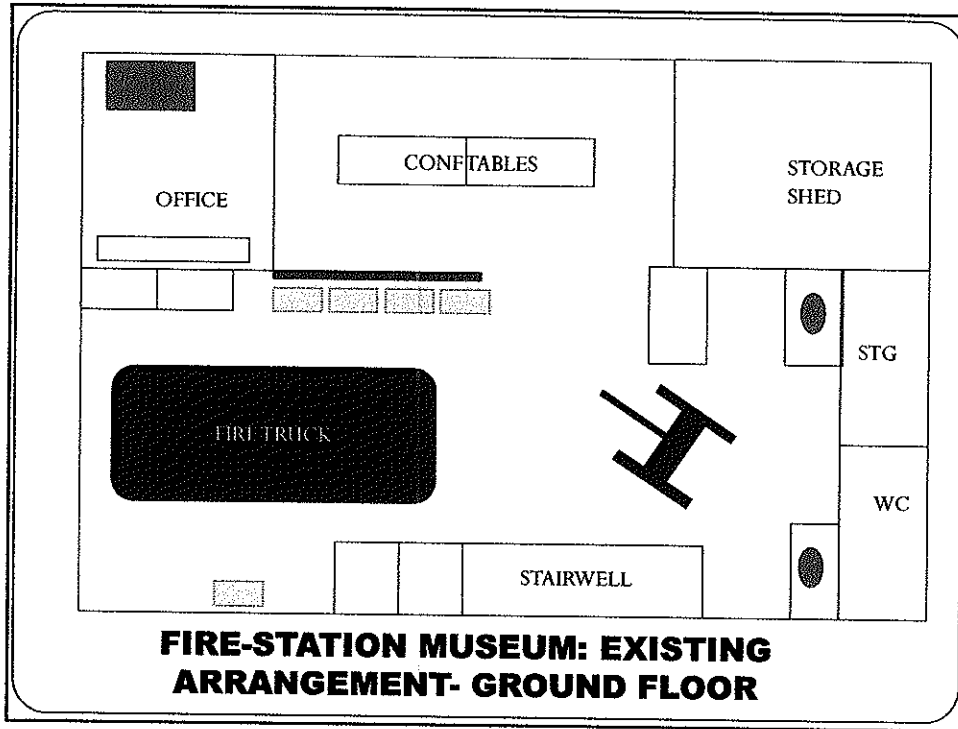


POSSIBLE VENUES

- 1) DEEP RIVER FIRE STATION MUSEUM-
GROUND FLOOR**
- 2) ANY WAREHOUSE STYLE FACILITY**

SET-UP THIS YEAR TO BE READY BY 1 June 2011

**TAKE-DOWN AT END OF PILOT PROGRAM (31 AUG 2011) IF NOT
CONTINUED**



**MEASURES OF SUCCESS
OUT OF 10 PEOPLE**

8 GET CURIOUS

6 ADD PERSONAL KNOW-HOW

4 ADVANCE IN SCHOOL OR WORK

2 GO ON TO TEACH OTHERS

THANKS

