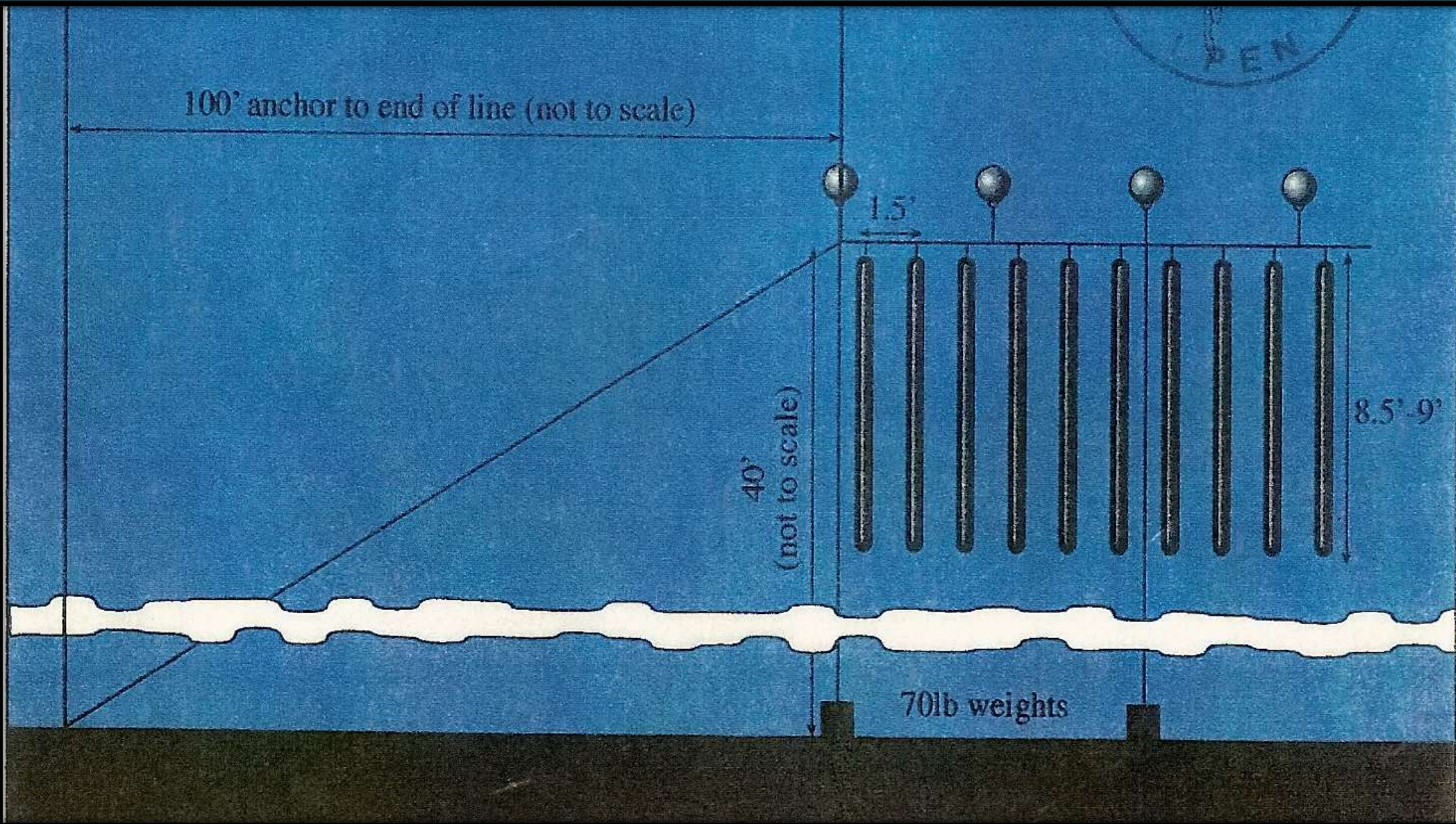




RFID-BASED MUSSEL FARM MANAGEMENT SYSTEM





ST. ANN'S HARBOUR GROWING CYCLE

YEAR 0 – NEW SOCKS INTRODUCED

YEAR 1 – FLOATATION ADDED; LINES/MUSSEL CLEANED OF BIO-FOULING

YEAR 2 – SAME AS YEAR ONE PLUS “DOUBLE-SOCKING”

YEAR 0 – HARVESTING (WINTER); LINES PREPARED FOR NEW SOCKS

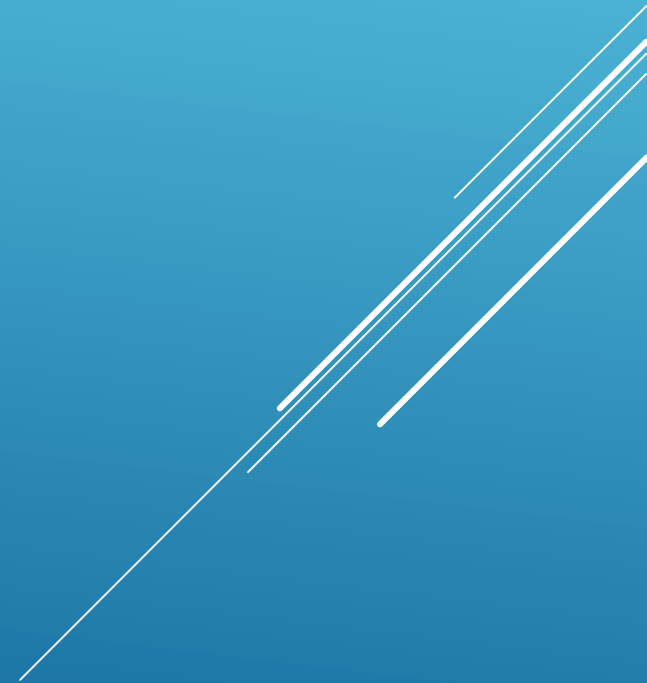
MANAGEMENT CHALLENGE

1300 MUSSEL LINES

TWO OR THREE YEAR CLASSES OF MUSSELS

BOAT CREWS WORKING EACH LINE 3 TO 4 TIMES EACH YEAR

5000 "TASKS" THAT NEED TO TRACKED ANNUALLY





LINE IDENTIFICATION

LEASE 0148

SECTION D

LINE NO. 33

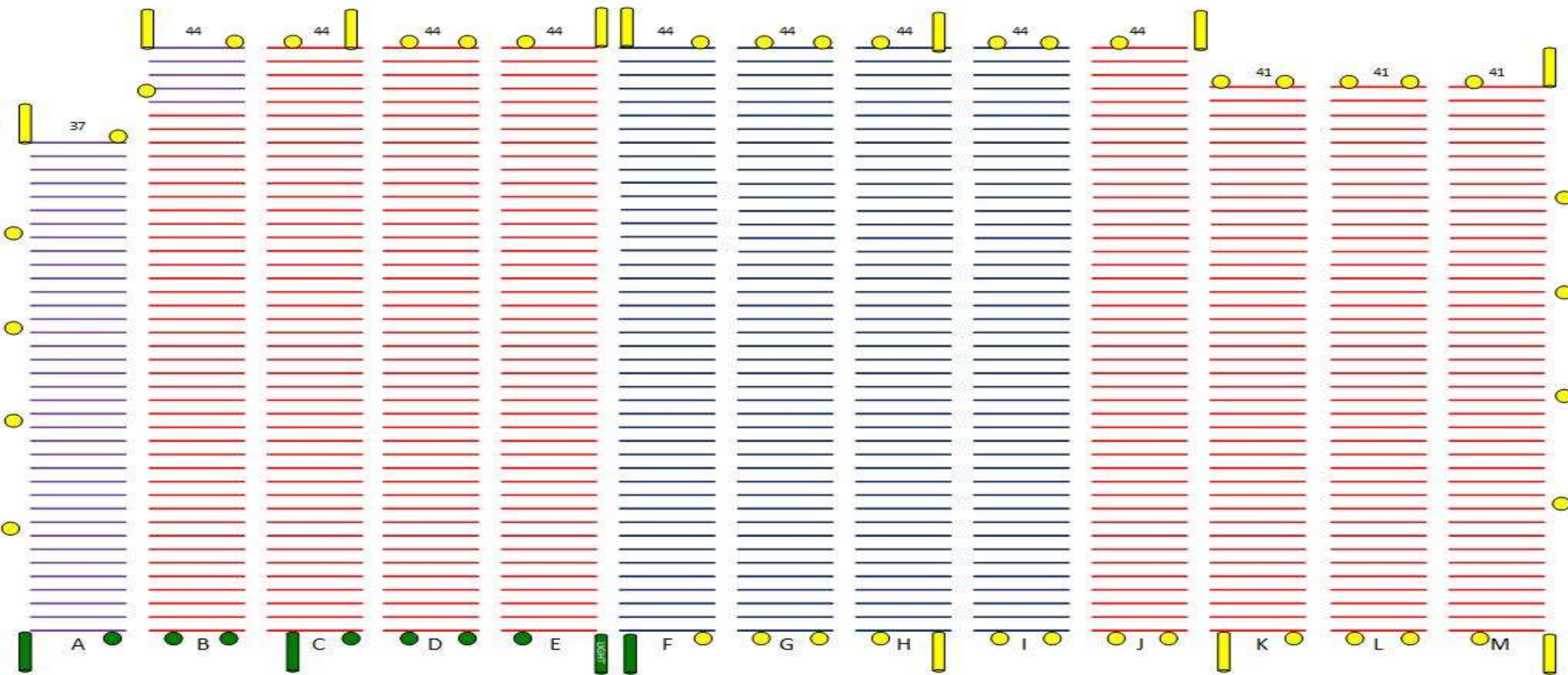
WEST END

SITE 1189
ST. ANN'S HARBOUR



INVENTORY SUMMARY – DEC 10, 2017

LINE TYPE	YEAR CLASS	LINES	SOCKS	SEED ORIGIN (YR 0)
GROW OUT	0/2017	176	38720	TMB Lic#325645
GROW OUT	1/2016	338	74360	
GROWOUT	2/2015	42	9240	
HOLD OVER	0/2016	0		
SPAT		0		
EMPTY		0		






SYSTEM COMPONENTS

- ✓ **RFID TAGS:**
Readily available, suitable designed for underwater use.
 - ✓ **READER:**
Android Tablet with UHF Reader
 - ✓ **APPLICATION (PROGRAM/SOFTWARE)**
 - ✓ **WEB-BASED DATA MANAGMENT**
- 

ADVANTAGES AND BENEFITS

1. EASY TO USE
 2. HARD TO MAKE MISTAKES
 3. IMPROVED ACCOUNTABILITY/PRODUCTIVITY
 4. IMPROVED MANAGEMENT AND PROFITABILITY
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.