

# CONCERT

On the Wharf,  
FREDERIKSTED, TO-NIGHT, 8.15  
BY THE

**Christiansted Native Brass Band,**

## PROGRAM

### PART I

March. "Here They Come".... Weidt  
Operatic Medley. "Echoes From The  
Opera".... Arr. Mackie Beyer  
Waltzes.... "Over The Waves".... Rosas  
S. recade.... "Wedded Hearts".... Ripley

### Part II

March.... "On The Mall".... Goldman  
(Vocal and Whistling, Chorus)  
Overture.... "The Calif. of Bagdad"....  
Boieldieu  
One Step.... "Bones Trombone".... Fillmore  
"Banddidntstrike".... Dalbey  
Tango.... "Havana".... Schonberger

STAR SPANGLED BANNER

FRED. C. JACKSON,  
Bandmaster.

## Mails Close

For the States by s. s. Parima at 4.00  
p. m. Thursday, 19th inst.

## LOCAL

The s. s. Parima for New York is due  
at Frederiksted on Friday morning at 6  
o'clock.

The s. s. "Martinique" sailed from  
New York on Saturday afternoon, hav-  
ing 37 tons of cargo for Frederiksted and  
99 tons for Christiansted.

## PERSONAL.

Miss Mignonette McIntosh, daughter  
of Mr. and Mrs. A. R. McIntosh re-  
turned home from Porto Rico on Satur-  
day. She has been attending school  
there, and has gained two diplomas one  
for satisfactory record of conduct and  
faithfully and satisfactorily completing  
all the work of the course of study pre-  
scribed by the common schools of Porto  
Rico, and another for satisfactory com-  
pletion of the stenographic course at the  
Royal Gregg School, San Juan. We con-  
gratulate Miss Ettie and her parents.

## To the Inhabitants of St. Croix.

Dear Friends:

My family and I will be leaving  
for the Republic of Santo Domingo, the  
next fourteen or fifteen days time. I  
came here Aug. 1915, and during these  
years of toil, you have been very kind  
and generous to us.

In leaving this beautiful island of St.  
Croix, I do not have a word of censure  
to say against any. And I shall always  
cherish a good feeling for both you and  
the Government.

Elder D. C. Babcock and his staff will  
take charge of the Mission. Please ren-  
der him all the help that is necessary.

Good-bye, my dear friends.

With best wishes,

Yours very faithfully,

F. HALL,  
Elder.

## Notes

By  
E. E. BRYAN

The "St. Croix Tribune" a newspaper  
of this community has inscribed among  
its headlines: "A journal for the progress  
of the people."

I fail to see the verification of its motto  
when it is advocating something that will  
not be beneficial to the people's needs un-  
der present circumstances. The paper  
also lacks the ethics of journalism.

While Mr. R. de Chabert was Presi-  
dent of the St. Croix Labour Union,  
there was a dispute between its officers  
and members; some of the members got  
a coffin made and buried it in the name  
of their president; said Mr. Chabert is  
now president of another organization  
and editor of the St. Croix Tribune. The  
same editor, while dealing with an article  
written by me recently in the "Avis"  
published my obituary which gives me  
hope, for thus we see that the same edi-  
tor once buried by members of the or-  
ganization he then represented as presi-  
dent has risen and striven to such an ex-  
tent that by publishing my obituary po-  
litically gives me hope of reaching my  
goal also.

While passing through the proceedings  
of our Legislative Body I see that the  
doctor is fighting for water and the  
planter for a place by which to ship his  
product. What is the electrician doing?

It would seem as if barking dogs are  
harmless ones.

## REPORT AND ESTIMATE ON IRRIGATION POSSIBILITIES ON ISLAND OF ST. CROIX, VIRGIN ISLANDS, U. S. A.

By C. C. FISHER, Engineer,  
Department of Interior, Bureau of Re-  
clamation.

(Continued from yesterday's Avis)

43. Table 5 has been prepared from  
the census reports of the Island to show  
the relation of cane production to rain-  
fall. The record gives the area "assess-  
ed" as cane land rather than the area  
harvested, but from information gather-

ed it is estimated that the area harvest-  
ed is 70% of the area assessed, and the  
column in this table of "cane production  
per acre harvested" is based on this as-  
sumption. The same data is shown  
graphically on Plate I. From a study of  
this graph it is seen how the cane yield  
responds to the rainfall; the production  
for any one year being the result of the  
previous year's rain. It must be borne  
in mind, however, that even in the best  
rainfall years there are very dry months  
that greatly retard the growth of the  
cane, and that with a little irrigation dur-  
ing these dry months the cane yield  
would be materially increased even in  
the most favorable years of rainfall.

44. It is the opinion of the mana-  
ger of the La Grange Sugar Factory, Mr.  
George Fleming, that 50 inches (400 lines)  
of rainfall per annum, if properly dis-  
tributed, is sufficient for good cane pro-  
duction; and it is the opinion of Mr. Folmer  
Andersen, manager of the West India  
Sugar Factory, and who is probably the  
closest student of the subject on the Is-  
land, that 60 inches (480 lines) per an-  
num is necessary and is sufficient for  
good production.

45. From a study of the above facts,  
and with giving due weight to the opin-  
ions of these men, and also keeping in  
mind the predominant fact that it is not  
physically possible to very greatly in-  
crease the water supply above the mean  
annual rainfall and at the same time pro-  
vide for an area sufficient to make irri-  
gation feasible, it is the conclusion to  
adopt a net duty or requirement on the  
land of 480 lines per annum, including  
beneficial rainfall to a maximum of 40  
lines per month. The water requirements  
are assumed to be distributed equally  
throughout the 12 months, and any month  
in which the rainfall is less than 40 lines  
the deficiency is to be supplied by irriga-  
tion.

46. Regarding the question of the  
proportion to be irrigated in any one  
season of the total area benefitted by irri-  
gation, it is said by the planters that  
70% of the area in cultivation is harve-  
ed each season and that this area needs  
water 9 to 10 months out of the year;  
that 25% of the area is planted each year  
and that this will need irrigation during  
the drier months; and that the other 5%  
is fallow or is occupied by buildings, etc.  
It is estimated that this will be equiva-  
lent to the requirement for the continu-  
ous irrigation of 80% of the area bene-  
fitted.

47. Irrigation methods, distribution  
losses and duty at r. servoir. In order to  
conserve water to the utmost feasibility,  
it is planned to concrete line all principal  
ditches, and to adopt the most efficient  
methods of irrigation. As sugar cane is  
a "raw" crop the "furrow" system of  
irrigation will be used, and "head"  
ditches should be provided at such fre-  
quency that the length of "run" will not  
exceed about 300 feet, and as large a