## INTERSTAIE OOMYERO CO".ATSSIOT



 ITOVIBER 22, 1923.

Feornary 5, 19,

To tne Cominssion
On Noveqber 26 , 1023, winere tas a rear-end collision betreer an Aitixntac Coast jure jassenger urain zid a Scutierr fainuar passenger train on ine iulantic Coast Inne Razlroad at itananta, Ce., utach zesalted if the death of I encloyee, wain tie : inury ye 81 sussengers, 17 zersons carried under contract, and 2 zrajoyecs.

> Iocat:0.: ard .esincz of operation.

Tins asnadeat occirred on thȧ cart of ※̌e Suvann Distract of the Seccid Ju*lsion extendiat betiot Savann=a. Ga., and Jackaorrille, ヨla. Taere wre try rouzes jet.ee: Folxston and Jesup, itich are interreえuato statuons on tivs disu=ict, that va iohunta beng knnon as the jesup shorj line. At Nanusta the Jesup snort lino, rion rins amosu due north and scuth, is cuossect by the Jumanch-Wartoross Branch, botia beang single-traci lınes, Tith rye connecticae both nowth and soutin of the crossiaz. The aonsoent occurres

 is 1,014 feet north of tae stajuon.
 for severá There $1 s$ ro biock-simal surstan in use, trainc on tie Jesup short line bans onerated by urre-table and jmann orders. C.t ǐahunta taere is a recranzo-1 interlockin~ glant :hioh Is lused to govera cicssing coverente oilj ali of the switches being hand-cpereted and a.? of the functions of the anterlockirg plant peing recianicallo operated The northocuxd hore and sistont jusels are decajed 3.50 and 3, 150 feet, تespect=veI\%, soluh of the crossirs. in appoach beli indleaton begras to sourd then a northbound trains erters dpor a trand circulj ohion exvancs aproxl"ately 4, 200 feet south of the crossins, ans at the sane tire electric locks beoo e eafecti"e, lockin~ derails:


staち工or is looated in the nortneast ingle of the irter－ section，the trann－order ooard is located at the statior， and lus normal position is clear．

The weather was clovay at the tine of the acoldens， ＇hyoh cocurred at about 10.36 p．r＇．

Description．
Northbound lit Iartic Coast Lare passen extra 464 ，＇hech ordınarily $1 s$ ooeräed as train No． 32 de－ tween Jacxsonviiie and liajcross，was beang detoured via Nahanta and thence on the Brunsrack－laycross brunch to laycross It consisued of four express care，ore baggage car，Jo coaches，one aining car，and six Fuilian sleeping cars，in the order named，hauled by encine te4，and ras in charge of Concuctor liahoney and Fngmeran Fesperman it Folkston tran order No．92，Forr 31，was recelved readins as follows
＂Enes 464，359， 469 run extra Folizston to Tahunta rith right over all tranns south rur ahead of lst class trains mane first class npeed＂．
 the schedrle of traln Vo 32, Dassad Minokur， $2 l .3$ m les from Nahunta and the lass open office，at $10.15 \mathrm{p} . \mathrm{m} .$, and according to the train sheet pessed the station at ivehunta at 10.29 pm ．In order to make the movenent from the rain line to the Brunswick－vaycross branch， $1 t$ was recessary to pull by the morta we switch，and then back through the north leg of the ve to the branch line track．Thile the rear of extra $<64$ was either standing on the main lure norta of tie sioltch，or being oacked slowly torard this siotch， It was struck by trann No． 8 ．

Northiound Soutnern Rall vay passerge＝train Jio． 8 conslstea of cne mail car，one express car，two coaches， and four Pullyan sieeping cars，in the order named，hauled by engane 1907，ant tas ir こharge of Conductor Tipton and Enganeman Evans．This train left jecxsonville directly be－
 at 10.21 p．M．，elght minutes behince exixa 464 ，and，accord－ ing to the operator at Nahunta，passed jhat stailon at $10.36 \mathrm{p} . \mathrm{m}$. ，and collided rith the rear of exura 464 wile traveling at a soeed $0:$ Ebout 25 miles an nour

The force of the collision cer $\begin{gathered}\text { alled the forward }\end{gathered}$ truck and considerably darafed the rear end of the last car of extra 464 and slightly darnaged three other cars. Engine 1907 was considerably damaged, but no nateriai danage vas sustanned by any of the equiorient in th+s tranc. The employee killed was the engıneman of train No 8 .

Sur sary of Evidence.
Ingineran Fesperman, of extra 16x, said all signals at jahunta were in the clear position, that he reduced speed to about 8 or 10 miles an hour at the jime his urain passed the station and that shortly afterwards, while looking back to recelve a nand signal indicating then he ghould stop his train after passing the siftci to the rye track, he saw the reflection of a fusee which he thousht was located betweer the rear of $n i s$ train and the station. He had reversed has engine and opened the throttle, but the train had not started to move tackward then the collision occurred. Just before the collision occurred he saw the fusee belng vaved violently near the rear end of the train "rith the weather conditions existirg at this time he thought a fusee could have been seen for a distance of 2 miles.

Conductor Tahoney, of extra 464, stated that after leaving Folkston, where he recelved train orcer ro. 82 he took Baggager aster cocullough to the rear of the trann and explained to both the baggagemaster and to Flagian Sanders that they were to detour vir Nanunta, he nistructed tine flagman to thror ofi a fusee before reaching Nahunta and to watch out for the following tiam, the bageagemaster was instructed to handle the wye switch, and he interded that the baggagemaster shouid ride on the rear end as the train backed around the wye; the train porter was to open the other wye switch. He knew train ivo 8 was following, but thought that train would be stopped at the fusee south of the crossing. Sonductor Mahoney alighted fron his train as It was passirf the sjation at Jahunta, went into the telegraph office and asked the operator for orders to Waycross, which he sald rere dellvered and slered for by him and he left tne office amediately, estimating the time spent in the office to have been one or two minutes. He did not ask the operator to set the sienal against train NO. 8. As he left the office he sav train No. 8 a mile or more away and at the same time sav a fusee burning on the track about one-half mile distant, between the station and the approaching train. He stated that the train passed the fusee without acknorledgamg it, and he taen began to glve stop signals ;ith his lantern, which sicnals he said were
not answered. He also stated that the enjurean of irann Fo. 8 did not sinut off steara or apply the air biakes until the engine and about two cars had passed over the crossias. He denied having instructed Flagmar Serders to remann with the rear of the train, but sald he told hir to lock out for the rear of the train and expected hir to inoy enough to flag when the approaching train was near.

Flagnar Sanders stated uret betwear Folsston and Hahunta he rode on the rear platform of tile observation car, he sar the headlight of train No 8 about a minute after leavirg Folkston and he could see it from that uncie ali the ray to $\begin{aligned} \\ \text { rahunta. ifter leaving Volkstor the conductor ca.e }\end{aligned}$ to the rear, and tola han to throw off a fusee when the trann began to slou down at the distant sioral at Nahunta for the purpose of protectirg the train, as iro 8 was foliorins, the conduror aiso told him that he should stay at the rear of the train Ena the bafrape.iaster would throw the sritches Fe understood he vas to ride the rear end as the train jacked aroma ine ro. Then the brakes rere applied near the dastant sagnal at "Tahunta he thrers off tioo fusees, dise of thich went out, but he sald the second one landed in the madde of the track and was burving brightly as train iNo 8 rias aphroaching. He thought thes fusee was about a tram-lergin south of the distant sirnai. He staves on the rear platform until the tran passed the west wye switch, then lighted another insee, got dow on tne ground and started back. He sild train ITo 8 hed at that tirne passed the fusee he had trrom off and vas st-ll rorking stear. He thought he had gone back abo it half tae distarce to the statuon when trame No 8 jassed huri, the brakes were applied about the time the ennine passed over the aroseing He thought hes train nad just started to rove. backvard then the coll=sicn ocoures fe sild ne could have Eotter off the train at the tame the conductor sot off at the statior, "uut he dild nct do so as tise conductor kad lastructed hin to stay at the rear situer tie accicent he did not lcos back to see rinether has fusee ias still burnlig.

Bagsagemaster foculloush sald Snnductor :iahoney instructed his to oper the wye s־atch, thet" the pozter rould oper the siltch at uide other end of the wye, and the sovement would be rrotected by a fusee, $1 t$ was his understanding that Flagran Sanders vas to ride the rear of tae trann around the wye, Approaching "enchta he ras on the rear of tine tran and saw Flaswen Sanders throw of $\approx$ a fusee. Bagjageraster IoGullough gave the eagurenan a sucp sional after the trazn had כassed the wye siritich, got off, opened tre stitch, looked to see if train No. 8 was coming, and sav that the fusee was still burning. He tnen started to wall around the wye track to see lf tiere vas a derall. Flagran Sanders zot

Off the trann Just after he aid, ingnted a tusee, and startod back rie also sat the conductor oiving stop signals opposite the station.

Trazn porter Jares get off at the station with the conductor $=r$ e tent eastward on the Bruns dick $\rightarrow$ vaycross brancn to open the sinton on that end of the rye This switoh $1 s$ ancut 1,00 Ieet from the stetion and he sald ohat ajout the tirie he reached it he heard some one near the suruion shouting and on looking sai a dhite IIgint belnj waved $1 t$ boing about this time that tran inc. 8 passed over the crossing, still vorking steam.

Frreman Jordan, of train Mo. 8, stated that he was riding on the seat box approeching ivatuntz ard that all thres slgnas re:e slear. Fie did not see any fusees on tne trac't, the 'eather was clear and he could see slgnals plannly, and if there kad beer a Iusee on the track he woulc hare seen it. ibout the tice the engineran sounded the station whistle signal and after passing the distant sigral he got dorn to put in a fire and thile so engaged heard the engineran anply the air brakes in emergency and saw him start to leave his seat box; he lumediately looked out, sar the rea markers and lichts of the trarn ahead and jumped from the engine. He also stated thai Enginervn Juans iras fully awaike and attentrve to has dutues and expressed the opinior that had taere keen a fusee burning or the track Enginerian trans vould have seen it and sould have taken proper steps toward bringing the tras to a stop.

Conductor IIpton, of tiain No. 8, sald thet prior to starting on this trip he ard Ingineman Evans ate supper together and he noticed nothing unusial about tne engineran Condactor Irpton was rading in tine doorway of the baggage car approachirg Tahunte and on looking out he noted that the slgnals vere displaying clear indications; ne said he did not see the ligint of any fusees on the track ahead of his train and if there had been one burning he rould have seen the glare.

Flagman irychols, of train No. 8, said he vas stardlng just lnsiae of the rear door of the last car ihen he felt the brakes applied and uhe shock threv him dom. He jumped up quickly, ran out, ploked up his sicjnal case and larterns and vent kack to flag train iNo. 80, Ilghting a iusee as ne ran. At that tire there was no fusee burning on the track tehind has trann Baggagemaster Driver, of train No. 8, sald the brakes rere applied just as the baggage ca" "as going over the crossing.

Overator atores，$\cap_{\perp 1}$ àtv at lahunta，stated that

 offace，asぃs for ar order，which he recelved，read and signed for，－ni then vert out．Ie tioughr the conductor


 carount，unliooring in that direction he se：the headinght of irein ito 8 ，but did not see any susee．İe did nou kno： rhether extra 18 －ras irto clear at unt urre as he was siutins at the Jelejranh vable and corld nnt see in that direction tithout gejting up and going to the vindow；how－ ever，he thocrht theae had been usufzcient time for zt to Get intc rieser．Fe ind not consuder it recessary to space
 ordeas ivahurua Tas exjra 464＇s destunation He had been on dut：be＂ore then similar movements to the jrench line hac． beer hade，but said he had revor bean as＇ed to hold the
 ras heang acie ard netrer iaci done so．

Suoerlatendant Fugin said the noral position of tne trena－crder siEnal is clear，and thit ihile it is used for the purfose of spacing trains．wher is no rule requarinc， the oreravor to place the signal in the stop rosition and contunue displayire a stop indioction uncil tie lorinute t－ne intervel has elajsed，he also s．id that a？opezator is supposed to knof vinen another tran is apjucachy ne and to arrange tae sucnal accoraingly

J．T foore，of Atlanta，Ga．，a passenger on extra 464 Sivitad that he wac ruang in the observetion end of the
 urs ニロニ about five ．Irutes before une collision cocurrea， ard tnet he did nct see any fusees or red lighus beureen the car In rhach he wes＝idins and the oncomar train．There were state ents br other passengers to the effect that they hed seer a fusee on the track，hut this wis afser the occuraerce of tine accident．

## Conclusions．

This accicen̄ wes caused by tre fanlurs of Conovecor liahoner and Flasman Tenders，of extre 664 ，to rovide proper protzetion for thelr train．

Trine the investigation iasoicsed that there may have beer so e misunderstindins het reen Jonduotor phoney and Flas－iar Sanders as to the nothod hluh the oondia－or intended to be jollo red in protectunt the move ent or extre

G64 from inu lune wo the ree, it is xpparent that thas
 99(a) 1s a 3 (allo o :

> Ther the speed cî a tran in roduced and tus rear trerebs eadingered by a followin. troir oeinre tho flar, an cer jet ofí, a

 to proteat hus trais."

In vins anouance entane dererdence tas evicently slaced ixon a fusee rincol jhe fl-raan atetes fas throm

 lerinted fusoc va thror of.z at het ront, ard Conductor

 treın "o. 8 retr esually iosnture that there das no burnin";

 Stcte eft oi uzz Onerator thit he sav no zusee as train No.







Iule $S \in$ prorides that $r$ ner a train stops or is delared under cirow stances in thich it iay be overtaker




 Te; casle tile to have provided azmprats protection. It mas =learly the duty of Corductoe iofoney to see that ade-
 ras ocounyua tise iann taack, anc he saic he jold tie rasa
 hotever, afe to tho effect tixt he res told to rerain tita his trazn, an ihicn staverent he is sioported 27 the bascase iasten. Regeraless of rivich version is correct,

 $\mathrm{p}=0$ evir orosperen.

 vo dibslat tho nos il ircicayon to soun as the tram or



 nain life orer anu excét -race a cros"ang nove iert on the









 s.





























 tranincrder boxa elvays benn= an the stop jos-tion except













```
エスがsoloc
```







