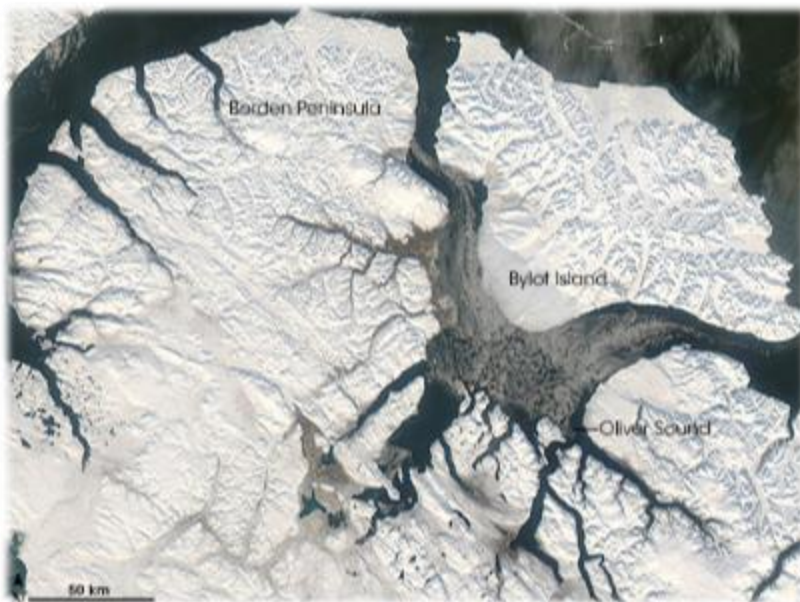
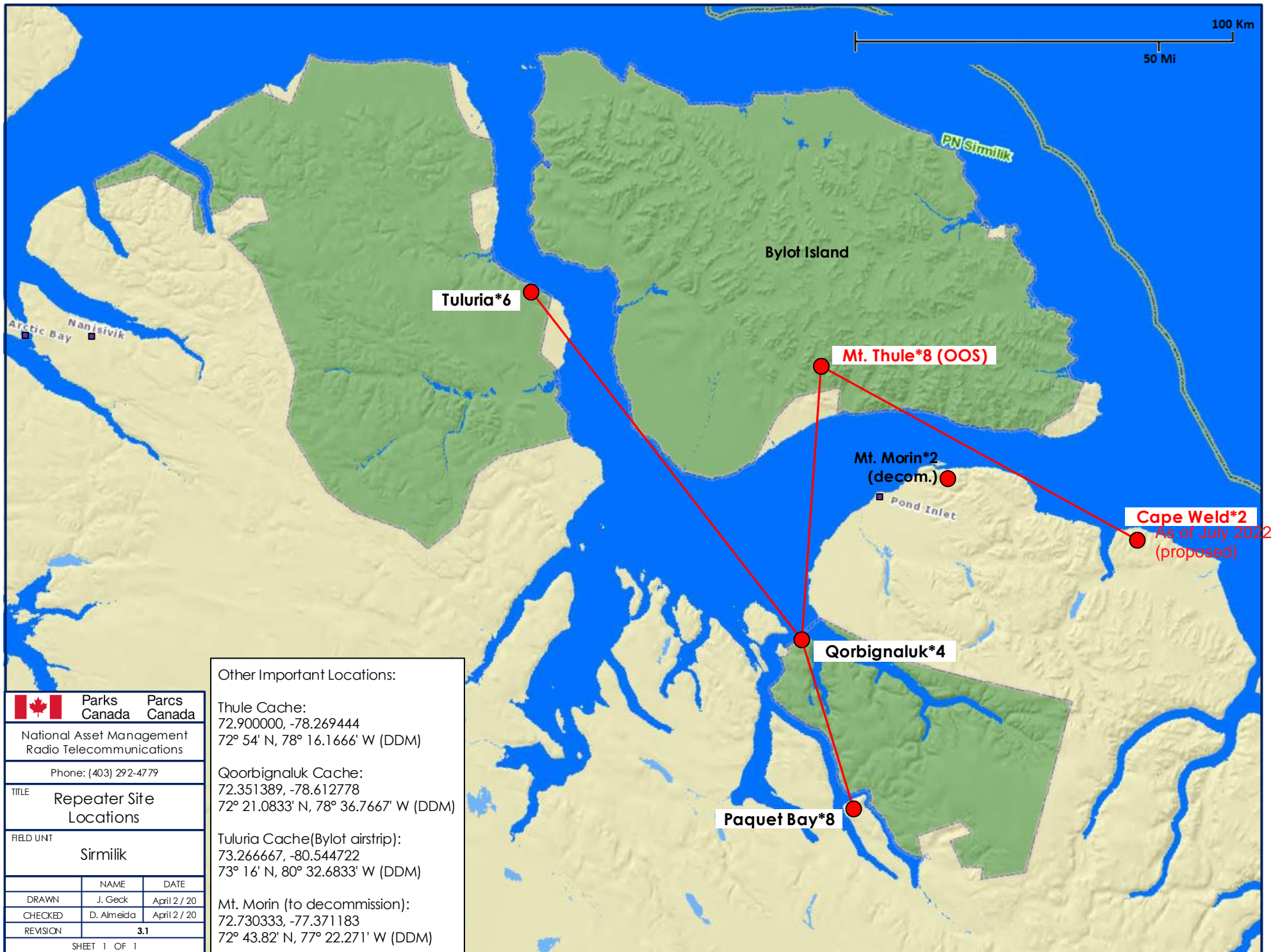


Sirmilik National Park

Telecom Binder



	Parks Canada	Parcs Canada
National Asset Management Radio Telecommunications		
Phone: (403) 292-4779		
TITLE Telcom Binder		
FIELD UNIT Sirmilik		
	NAME	DATE
DRAWN	J. Geck	Apr 14 / 20
CHECKED	D. Almeida	Apr 14 / 20
REVISION	3.2	
SHEET 1 OF 1		



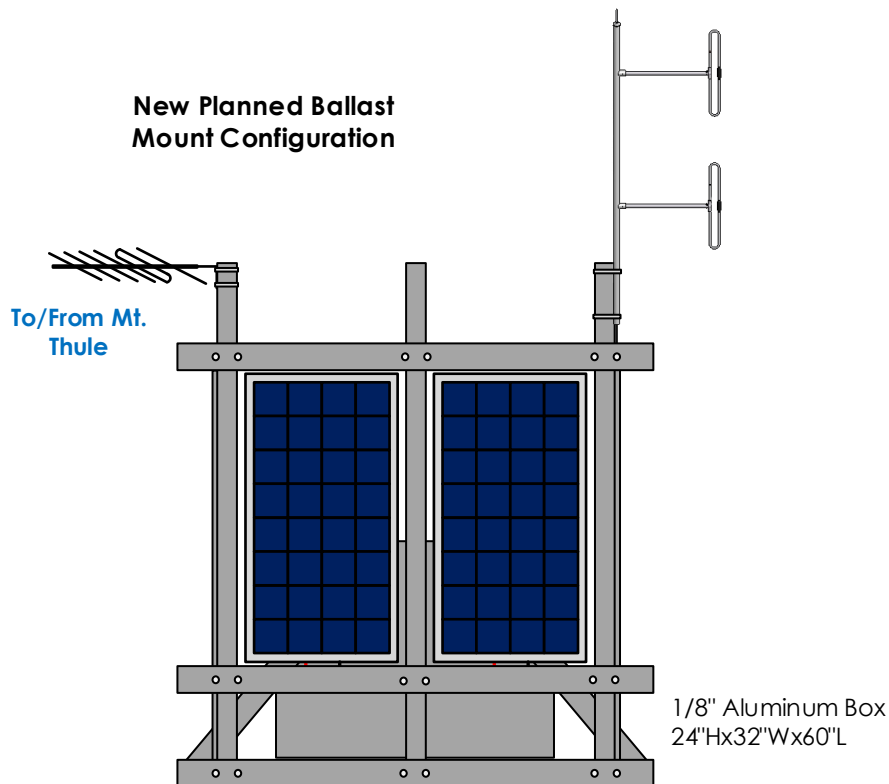
Cape Weld

No Photos – Site to be completed 2022

Ballast mount to be moved, installation of solar panels and antennas, installation of equipment box, connection of batteries and repeater case (repeater located in Park Garage). *Time required: 2 people – 4 hours (includes heli travel time).*

MT Morin

Remove old site equipment box, repeater and batteries and sling to Pond inlet. *Time required: 2 people – 1 hour (includes heli travel time).*



Site Call Sign: **CIG-765**

Auth No: **010412317-001**


Account No: 026 080253603

Lat (DDM): 72° 33.351' N

Long (DDM): 75° 48.8742' W

Site Elevation: 800 m / 2624 ft

Old Call Sign and Auth not found
in ISED DB. Found:
010837247-001 (Mt. Morin?)
Call sign: None

	Parks Canada	Parcs Canada
National Asset Management Radio Telecommunications		
Phone: (403) 292-4779		
TITLE Cape Weld		
FIELD UNIT Sirmilik		
	NAME	DATE
DRAWN	J. Geck	Apr 14 / 20
CHECKED	D. Almeida	Apr 14 / 20
REVISION	3.2	
SHEET 1 OF 2		

Site Call Sign:	CIG-765
Auth No:	010412317-001
Account No:	026 080253603
Lat (DDM):	72° 33.351' N
Long (DDM):	75° 48.8742' W
Site Elevation:	800 m / 2624 ft

Old Call Sign and Auth not found in ISED DB. Found: 010837247-001 (Mt. Morin?)
Call sign: None

Cape Weld Repeater System Diagram

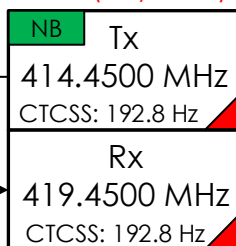
Site location has not been changed from Mt. Morin yet by Industry Canada

VHF Drop Antenna
Comprod 872F-70 HDB TM (1/2 or 1/4 λ)
Azimuth (Dipoles): xxx° TN (July 2022)

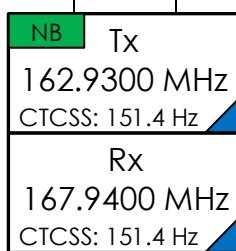
Comprod 430-70
UHF Yagi Antenna
True Azimuth: 302° TN
(July 2022)

Horizontal
To/From Mt. Thule
5.22 W
0.34μv/0.30μv

Codan MT4-E
Link Repeater
4xxRxx (July 2022)



AC-3E

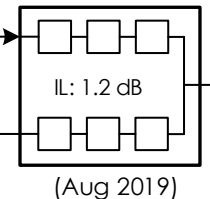


Ch 2 "Cape Weld"

Codan MT4-E
Drop Repeater
4xxRxx (July 2022)

AMRE2700R Case

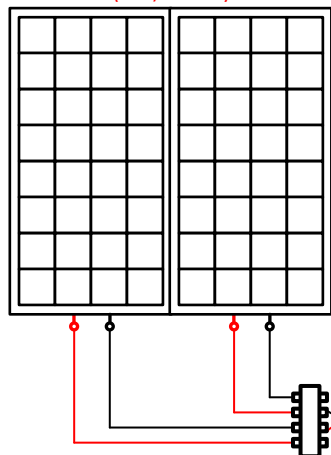
Comprod 536-90
Mobile Duplexer



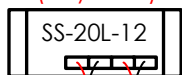
6.75 W
0.23μv/0.27μv

T02E14-9S

2 x SolarEngine
SW-5M-100M-36 (100W)
(July 2022)

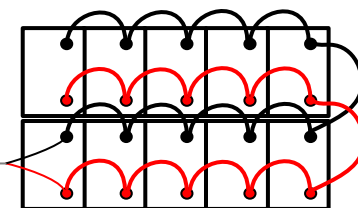


Solar Regulator
(July 2022)




To
MT4-E
T06A14-9P
+ MS3057-6A

10A



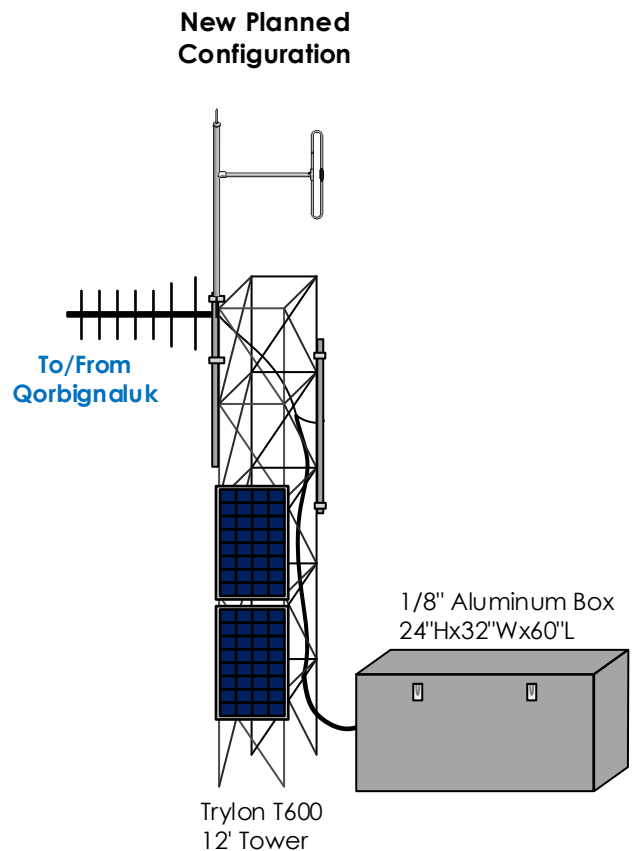
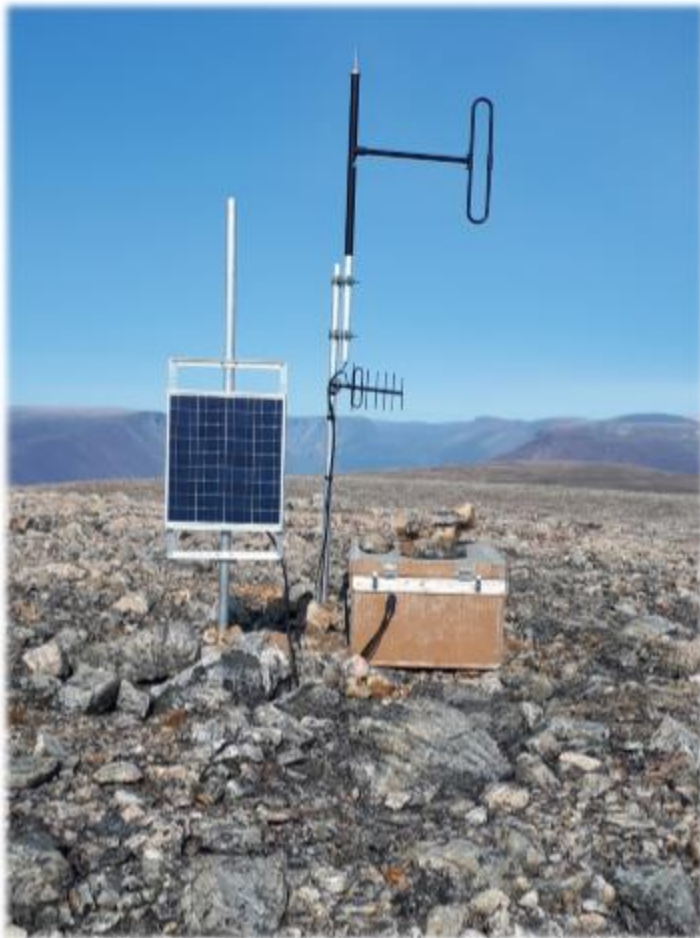
10x Stark SRK-125AGM Battery
12V, 125Ahr
(July 2022)

Measurements Taken: Shop 2019

		Parks Canada	Parcs Canada
National Asset Management Radio Telecommunications			
Phone: (403) 292-4779			
TITLE Cape Weld			
FIELD UNIT Sirmilik			
		NAME	DATE
DRAWN		J. Geck	Apr 14 / 20
CHECKED		D. Almeida	Apr 14 / 20
REVISION		3.2	
SHEET 2 OF 2			


Paquet Bay

Tower, cement, and 6 batteries need to be transported to the site (all located in the Park garage). Existing battery box to be re-used. Installation of solar panels and antennas, connection of additional batteries and repeater case (repeater located in Park Garage). *Time required: 3 people – 6 hours (includes heli travel time).*



Site Call Sign: **VFR-284**
 Auth No: **0104141 61-001**
 Account No: 026 080253603
 Lat (DDM): 71° 55.794' N
 Long (DDM): 78° 12.715' W
 Site Elevation: 680 m / 2231 ft

Old Call Sign and Auth not found
 in ISED DB. Found:
 010837248-001 (Paquet Bay?)
 Call sign: None

	Parks Canada	Parcs Canada
National Asset Management Radio Telecommunications		
Phone: (403) 292-4779		
TITLE Paquet Bay		
FIELD UNIT Sirmilik		
	NAME	DATE
DRAWN	J. Geck	Apr 14 / 20
CHECKED	D. Almeida	Apr 14 / 20
REVISION	3.2	
SHEET 1 OF 2		

Site Call Sign:	VFR-284
Auth No:	010414161-001
Account No:	026 080253603
Lat (DDM):	71° 55.794' N
Long (DDM):	78° 12.715' W
Site Elevation:	680 m / 2231 ft

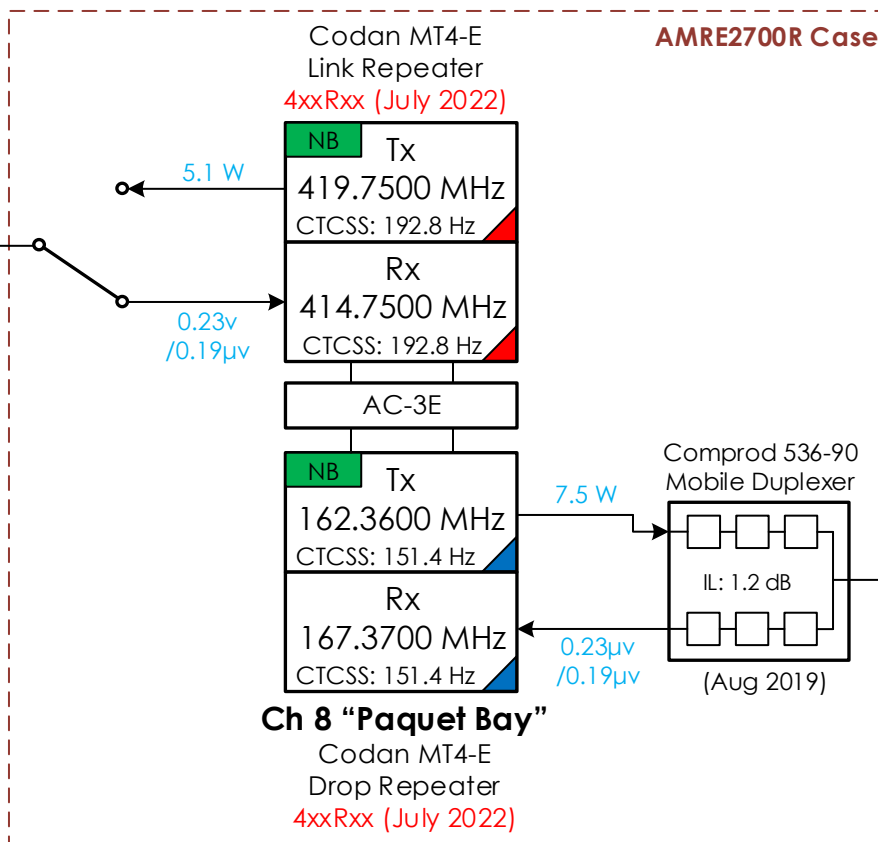
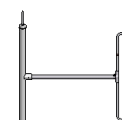
Old Call Sign and Auth not found
in ISED DB. Found:
010837248-001 (Paquet Bay?)
Call sign: None

Paquet Bay Repeater System Diagram

Comprod 430-70-BK
UHF Yagi 10 dBd
True Azimuth: 344° TN
(Inst: Unknown)

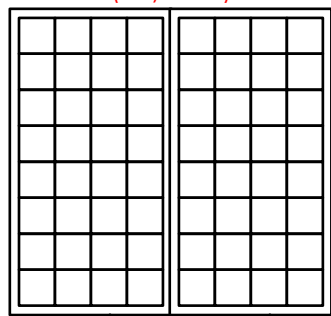


VHF Drop Antenna
Comprod 871F-70 HDB TM (1/2 λ)
Azimuth (Dipoles): xxx° TN
(Inst: Unknown)

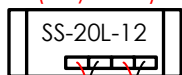


T02E14-9S

2 x SolarEngine
SW-5M-100M-36 (100W)
(July 2022)

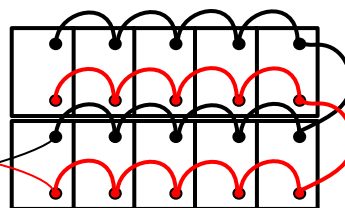


Solar Regulator
(July 2022)




To
MT4-E
T06A14-9P
+ MS3057-6A

10A



10x Stark SRK-125AGM Battery
12V, 125Ahr
(July 2022)

	Parks Canada	Parcs Canada
National Asset Management Radio Telecommunications		
Phone: (403) 292-4779		
TITLE Paquet Bay		
FIELD UNIT Sirmilik		
	NAME	DATE
DRAWN	J. Geck	Apr 14 / 20
CHECKED	D. Almeida	Apr 14 / 20
REVISION	3.2	
SHEET 2 OF 2		

Measurements Taken: Shop 2019